# CDX-5080/5081/5082

# SERVICE MANUAL

*AEP Model*
*E Model*
*CDX-5080*

*AEP Model*
*CDX-5081/5082*

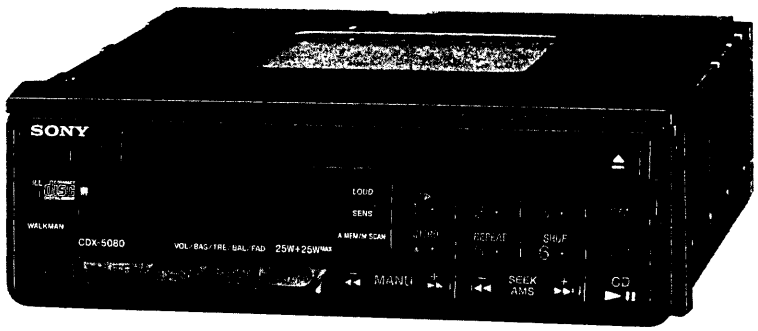



Photo: CDX-5080

1240

| | |
|---|---|
| Model Name Using Similar Mechanism | CDX-7580 |
| CD Drive Mechanism Type | MG-200Z-33 |

## SPECIFICATIONS

### Power amplifier section

Outputs
Speaker outputs (sure seal connectors)
Speaker impedance
4 – 8 ohms
Maximum power output
25 W × 2 (at 4 ohms)*
9 W × 4 (at 4 ohms)*
*Measured at 14.4 V

### CD player section

System
Compact disc digital audio system
Frequency response
10 – 20,000 Hz ±3 dB
Signal to noise ratio
90 dB
Wow and flutter
Below measurable limit

### General

Input
WALKMAN IN jack
Power requirements
12 V DC car battery (negative ground)
Current drain
800 mA (CD playback)
2 A (during disc loading or eject)
Operating temperature
– 10°C to 50°C
Dimensions
CD player:
Approx. 182 × 53 × 166 mm (w/h/d)
Weight
Approx. 2.3 kg

Tone controls
Bass ±10 dB (100 Hz)
Treble ±10 dB (10 kHz)
Supplied accessories
Connecting cord (1)
Rubber cap for the WALKMAN IN jack (1)
Mounting hardware (1 set)
Optional accessories
Mounting kit
Cleaning cloth XP-CD1

### Tuner section

| | | FM | AM (MW, CDX-5081) | LW (CDX-5081) |
|---|---|---|---|---|
| Tuning range | The model for European countries | 87.5 – 108.0 MHz | 531 – 1,602 kHz | 153 – 281 kHz |
| | The model for other countries | | AM tuning interval 9 kHz/10 kHz switchable 531 – 1,602 kHz (at 9 kHz step) 530 – 1,620 kHz (at 10 kHz step) | — |
| Antenna terminal | | FM/AM external antenna connector | | |
| Intermediate frequency | | 10.7 MHz | 450 kHz | |
| Usable sensitivity | | 12 dBf (1.1 μV/75 ohms) | 35 μV | 48 μV |
| Selectivity | | 75 dB at ±400 kHz | — | — |
| Signal-to-noise ratio | | 70 dB (monaural) 65 dB (stereo) | 55 dB | — |
| Harmonic distortion at 1 kHz | | 0.3% (monaural) 0.5% (stereo) | 0.3% | — |
| Stereo separation | | 35 dB | — | — |
| Frequency response | | 30 Hz – 15,000 Hz ±3 dB | | |

Design and specifications subject to change without notice.

MICROFILM

## FM/AM COMPACT DISC PLAYER

SONY®

## TABLE OF CONTENTS


| Section | Title | Page |
|---|---|---|
| | Specifications | 1 |
| | Servicing Note | 2 |
| | SECTION 1. GENERAL | |
| | Location of Controls | 3 |
| | SECTION 2. CIRCUIT DESCRIPTION | 4 |
| | SECTION 3. MECHANICAL ADJUSTMENTS | 6 |
| | SECTION 4. ELECTRICAL ADJUSTMENTS | 6 |
| | SECTION 5. DIAGRAMS | |
| 5-1. | Block Diagram | 11 |
| 5-2. | Semiconductor Lead Layouts | 15 |
| 5-3. | Printed Wiring Boards (MD Section) | 16 |
| 5-4. | Schematic Diagram (MD Section) | 19 |
| 5-5. | Circuit Board Location | 21 |
| 5-6. | Printed Wiring Boards (MAIN Section) | 22 |
| 5-7. | Schematic Diagram (MAIN Section) | 25 |
| 5-8. | IC Block Diagrams | 29 |
| 5-9. | WAVEFORMS | 32 |
| | SECTION 6. EXPLODED VIEWS | 34 |
| | SECTION 7. ELECTRICAL PARTS LIST | 40 |


## SERVICING NOTE

### 1) Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270°C during repairing.
- Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
- Be careful not to apply force on the conductor when soldering or unsoldering.

### Notes on chip component replacement

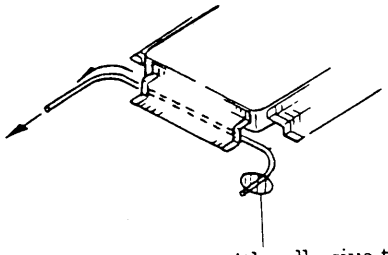
- Never reuse a disconnected chip component.
- Notice that the minus side of a tantalum capacitor may be damaged by heat.

**SAFETY-RELATED COMPONENT WARNING!!**

**COMPONENTS IDENTIFIED BY MARK ⚠ OR DOTTED LINE WITH MARK ⚠ ON THE SCHEMATIC DIAGRAMS AND IN THE PARTS LIST ARE CRITICAL TO SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY.**

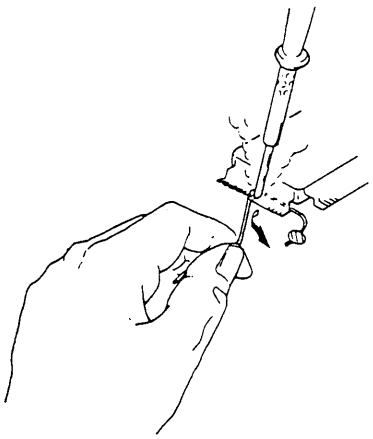
### 2) Removing the Flat Package IC

1. Prepare an enameled wire (0.3mm diameter) and apply it to the back side of the IC pins as illustrated below.



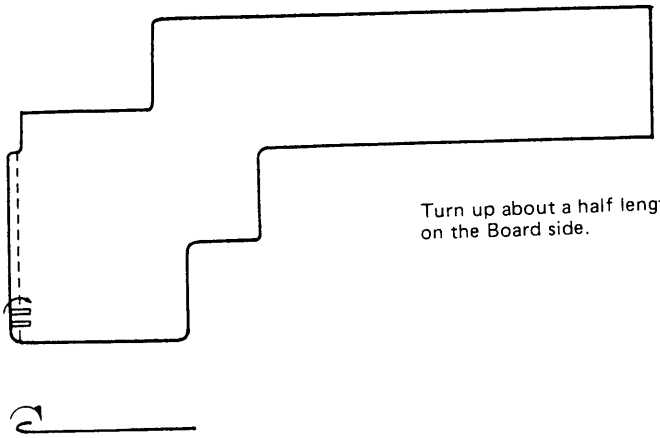
Solder or fix with adhesive tape.

2. Heat the IC pin with the soldering iron and draw the enameled wire so that the IC pin is removed from the pattern as illustrated.

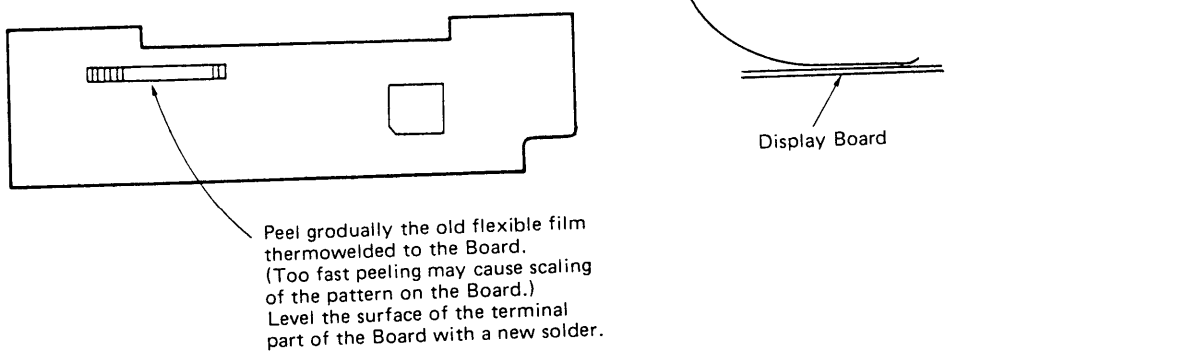


### 3) Procedure of Replacing the Flexible PC Film of the Display Board.

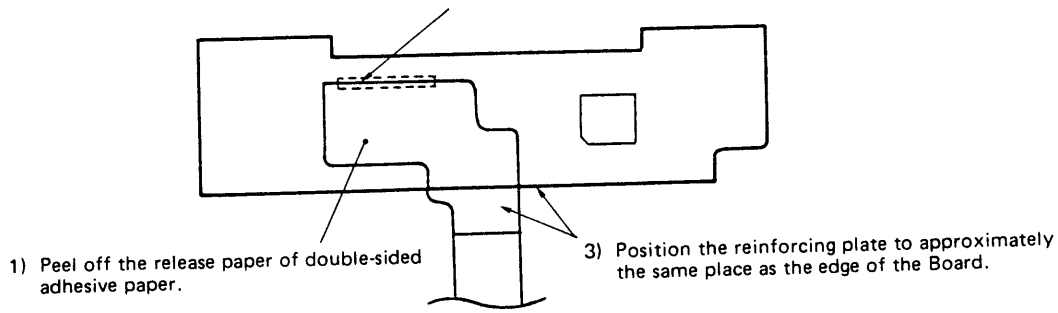
①




②


Flex-film
Peel the film grodually with care not to pull
by excessive force.
Display Board
Peel grodually the old flexible film
thermowelded to the Board.
(Too fast peeling may cause scaling
of the pattern on the Board.)
Level the surface of the terminal
part of the Board with a new solder.

③


1) Peel off the release paper of double-sided
adhesive paper.
3) Position the reinforcing plate to approximately
the same place as the edge of the Board.

Peel off the release paper of the double-sided adhesive paper on the flexible film. Then position the flexible film on the Board correcting, and attach the film to the Board. Solder each terminal.

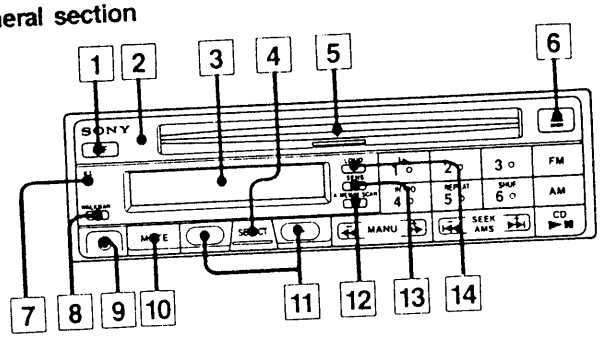
* Care should be taken not to peel the pattern on the flexible film. Excessive heating of the terminals directing with a soldering iron may peel the pattern of the flexible film.

# SECTION 1
# GENERAL

This section is extracted from instruction manual.

## Location of Controls — Refer to the pages indicated in ●.

### General section




1 OFF (power off) button ⓫

2 Reset button ❹, ❽

3 Display window

4 SELECT (volume/balance/bass/treble/fader select) button ❾

5 Disc insertion slot

6 ⏏ (eject) button ⓫

7 ILL (illumination color change) button
Press to change the color of illumination.
Two colors, green and amber, are available.

8 WALKMAN button ⓲

9 WALKMAN IN jack ⓲

10 MUTE button
Press to momentarily mute the sound.
Press again to restore the same level as before.

11 −/+ buttons ❾

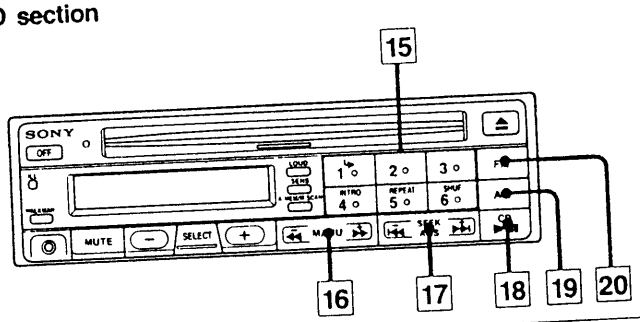
12 A.MEM/M.SCAN (automatic memory/memory scan) button ⓭

13 SENS button ⓰

14 LOUD (loudness) button
Press to reinforce bass and treble especially when listening at low volume. To disengage the button, press it again.

6

### Radio/CD section




| 15 | Number | During disc play | During radio recetion |
|---|---|---|---|
| | 1 | ↳ (skipping to the top) button ⓫ | Preset number buttons ⓮ |
| | 2 | — | |
| | 3 | — | |
| | 4 | INTRO button ⓬ | |
| | 5 | REPEAT button ⓬ | |
| | 6 | SHUF (shuffle) button ⓬ | |

| | During disc play | During radio reception |
|---|---|---|
| 16 | MANU ◀◀/▶▶ (manual search) button ⓫ | MANU −/+ (manual tuning) button ⓱ |
| 17 | AMS* ⏮/⏭ button ⓫ | SEEK −/+ (automatic tuning) button ⓯ |

18 CD ► II (disc play/pause) button ⓾, ⓫

19 AM (tuner on) button
(CDX-5080) ⓭
MW/LW (tuner on/band select) button
(CDX-5081) ⓯

20 FM (tuner on/band select) button ⓭

* Automatic Music Sensor

7

# SECTION 2
# CIRCUIT DESCRIPTION

**IC3 PINS (CXD1167Q)**

| Pin No. | Terminal | I/O | Description |
|---|---|---|---|
| 1 | FSW | O | Output time constant transfer. |
| 2 | MON | O | ON/OFF Control output. |
| 3 | MDP | O | Output drive of spindle motor. |
| 4 | MDS | O | Output drive of spindle motor. |
| 5 | EFM | I | Input the EFM signal from RF amplifier. |
| 6 | ASY | O | Control the slice level of EFM signal for output. |
| 7 | LOCK | O | "H" is H output, "L" is L output. |
| 8 | VCOO | O | Output VCO. |
| 9 | VCOI | I | Input VCO. |
| 10 | TEST | I | (0 V) |
| 11 | PDO | O | Phase compare output. |
| 12 | VSS | – | GND (0 V) |
| 13 | CLK | I | Data latch/Clock input from CPU. |
| 14 | XLT | I | Input the latch from CPU. |
| 15 | DATA | I | Serial data input from CPU. |
| 16 | XRST | I | System reset input. |
| 17 | CNIN | I | Input the tracking pulse. |
| 18 | SENS | O | Address. |
| 19 | MUTG | I | Muting input. |
| 20 | CRCF | O | Subcode Q signal output. |
| 21 | EXCK | I | Clock input for subcode serial output. |
| 22 | SBSO | O | Subcode serial output. |
| 23 | SUBQ | O | Subcode Q signal output. |
| 24 | SCOR | O | Subcode sync S0 + S1 signal output. |
| 25 | SQCK | I/O | Subcode Q signal clock. |
| 26 | SQEX | I | Selective output of SQCK. |
| 27 | DOTX | O | Digital out output. |
| 28 | GFS | O | Display output. |
| 29 | TEST | I | "H" or "L". |
| 30 | TEST | I | "H" or "L". |
| 31 | TEST | I | "H" or "L". |
| 32 | TEST | I | "H" or "L". |
| 33 | VDD | – | POWER (+5 V) |
| 34 | TEST | I | "H" or "L". |
| 35 | TEST | I | "H" or "L". |
| 36 | TEST | I | "H" or "L". |
| 37 | TEST | I | "H" or "L". |
| 38 | TEST | I | "H" or "L". |
| 39 | TEST | I | "H" or "L". |
| 40 | TEST | I | "H" or "L". |
| 41 | TEST | I | "H" or "L". |

## IC3 PINS (CXD1167Q)

| Pin No. | Terminal | I/O | Description |
|---|---|---|---|
| 42 | TEST | I | "H" or "L". |
| 43 | TEST | I | "H" or "L". |
| 44 | TEST | I | "H" or "L". |
| 45 | TEST | I | "H" or "L". |
| 46 | TEST | I | "H" or "L". |
| 47 | TEST | I | "H" or "L". |
| 48 | TEST | I | "H" or "L". |
| 49 | TEST | I | "H" or "L". |
| 50 | TEST | I | "H" or "L". |
| 51 | C4M | O | X'tal. f = 4.2336 MHz |
| 52 | VSS | – | GND (0 V) |
| 53 | XTAI | I | X'tal oscillate input. f = 8.4672 MHz or 16.9344 MHz |
| 54 | XTAO | O | X'tal oscillate output. f = 8.4672 MHz or 16.9344 MHz |
| 55 | MD1 | I | Mode select input 1. |
| 56 | MD2 | I | Mode select input 2. |
| 57 | MD3 | I | Mode select input 3. |
| 58 | SLOB | I | Code change input of audio data output. |
| 59 | PSSL | I | Mode change input of audio data output. |
| 60 | APTR | O | Aperture control output. R-ch: "H". |
| 61 | APTL | O | Aperture control output. L-ch: "H". |
| 62 | DA01 | O | PSSL = "H": DA01 output. PSSL = "L": C1F1 output. |
| 63 | DA02 | O | PSSL = "H": DA02 output. PSSL = "L": C1F2 output. |
| 64 | DA03 | O | PSSL = "H": DA03 output. PSSL = "L": C2F1 output. |
| 65 | DA04 | O | PSSL = "H": DA04 output. PSSL = "L": C2F2 output. |
| 66 | DA05 | O | PSSL = "H": DA05 output. PSSL = "L": C2FL output. |
| 67 | DA06 | O | PSSL = "H": DA06 output. PSSL = "L": C2PO output. |
| 68 | DA07 | O | PSSL = "H": DA07 output. PSSL = "L": RFCK output. |
| 69 | DA08 | O | PSSL = "H": DA08 output. PSSL = "L": WFCK output. |
| 70 | DA09 | O | PSSL = "H": DA09 output. PSSL = "L": $\overline{\text{PLCK}}$ output. |
| 71 | DA10 | O | PSSL = "H": DA10 output. PSSL = "L": UGFS output. |
| 72 | DA11 | O | PSSL = "H": DA11 output. PSSL = "L": GTOP output. |
| 73 | VDD | – | POWER (+5 V) |
| 74 | DA12 | O | PSSL = "H": DA12 output. PSSL = "L": RAOV output. |
| 75 | DA13 | O | PSSL = "H": DA13 output. PSSL = "L": C4LR output. |
| 76 | DA14 | O | PSSL = "H": DA14 output. PSSL = "L": BCLK output. |
| 77 | DA15 | O | PSSL = "H": DA15 output. PSSL = "L": $\overline{\text{BCLK}}$ output. |
| 78 | DA16 | O | PSSL = "H": DA16 output. PSSL = "L": DATA output. |
| 79 | WDCK | O | Strobe signal output. DF ON: 176.4 kHz, DF OFF: 88.2 kHz |
| 80 | LRCK | O | Strobe signal output. DF ON: 88.2 kHz, DF OFF: 44.1 kHz |

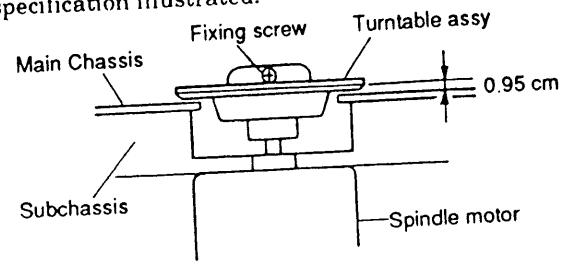


For Service Manuals
MAURITRON SERVICES
8 Cherry Tree Road, Chinnor
Oxfordshire, OX9 4QY.
Tel (01844) 351694
Fax (01844) 352554
email:- mauritron@dial.pipex.com

# SECTION 3
# MECHANICAL ADJUSTMENTS

### Turntable Height Adjustment

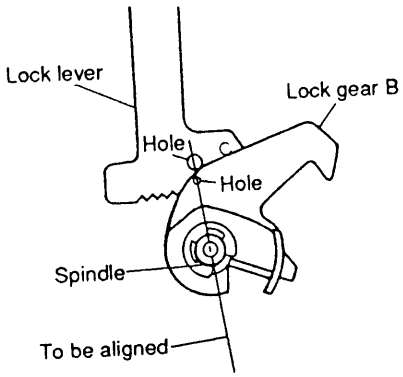
Loosen the fixing screws and adjust the height to the specification illustrated.




### Lock Gears (A and B) Installing Adjustment

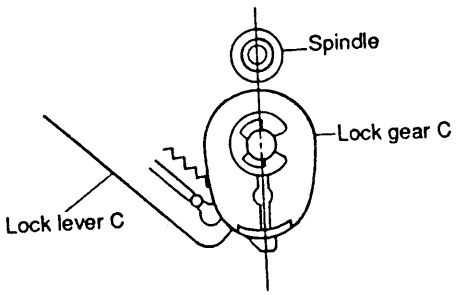
Since installing lock gears A and B is the same, only lock gear B is described below.

1. Rotate the gear near the motor with your fingers to move the optical section toward the external circumference.
2. Continue to rotate the gear until the lock gear is disconnected from the notch of the chassis and stops.
3. Fix the lock gear so that the holes of the lock lever and the lock gear and the spindle are roughly aligned.




### Lock Gear C installing Position Adjustment

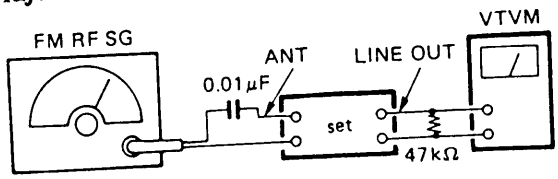
1. Rotate the gear near the motor and move the optical section toward the external circumference.
2. Continue to rotate the gear until the lock gear is disconnected from the notch of the chassis and stops.
3. Fix lock gear C so that the spindle, the lock gear C fixing axis and the center of the lock gear C projection are roughly aligned.




# SECTION 4
# ELECTRICAL ADJUSTMENTS

Carrier leak

**Adjustment:**




| | |
|---|---|
| Carrier frequency: | AEP, E model: 98MHz |
| Output level: | 1mV (More than 35dB) |
| Mode: | FM |
| Modulation: | Pilot signal 19kHz, 7.5kHz deviation (10%) |

**Procedure:**

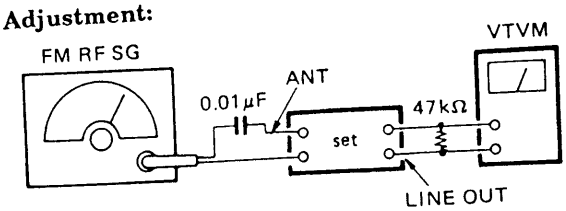
1. Tune-up at AEP, E model: 98MHz
2. Adjust RV601.

FM stereo separation adjustment

**Conditions:**

BAND SWITCH FM STEREO
FREQUENCY AEP, E model: 98MHz

**Adjustment:**




| | |
|---|---|
| Carrier frequency: | AEP, E model: 98MHz |
| Output level: | 1mV (More than 35dB) |
| Mode: | FM |
| Modulation: | Main channel: 1kHz, 33.75kHz deviation (45%)<br>Pilot signal: 19kHz, 7.5kHz deviation (10%)<br>Subchannel: 1kHz, 33.75kHz deviation (45%) |

**Procedure:**

| FM Stereo SSG Output channel | VTVM connection | VTVM reading (dB) |
|---|---|---|
| L-CH | L-CH | (A) |
| R-CH | L-CH | Adjust RV602 so that the VTVM reading is minimum. (B) |
| R-CH | R-CH | (C) |
| L-CH | R-CH | Adjust RV602 so that the VTVM reading is minimum. (D) |

Note: The separation values in the two channels should be identical.
(A) – (B) = (C) – (D)

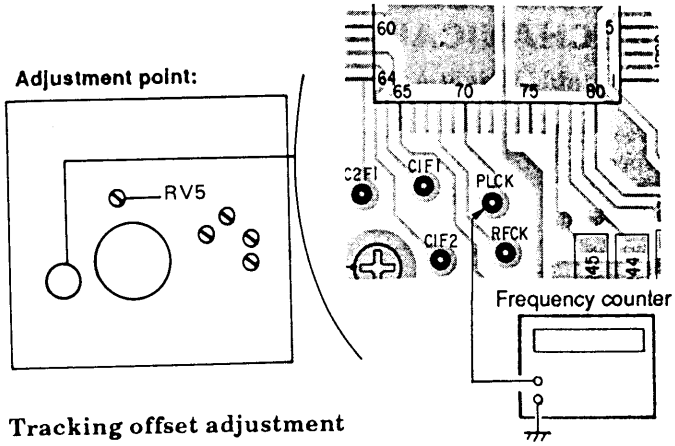
### PLL free-run frequency adjustment

**Adjustment:**

1. Remove the soldering bridge (EFM) from the RF board.
2. Connect the frequency counter to test point (PLCK).
3. Turn the power on and adjust RV5 so that frequency counter reading satisfies the specification.

Adjustable limits: 4.3118 to 4.3318MHz

**Adjustment point:**

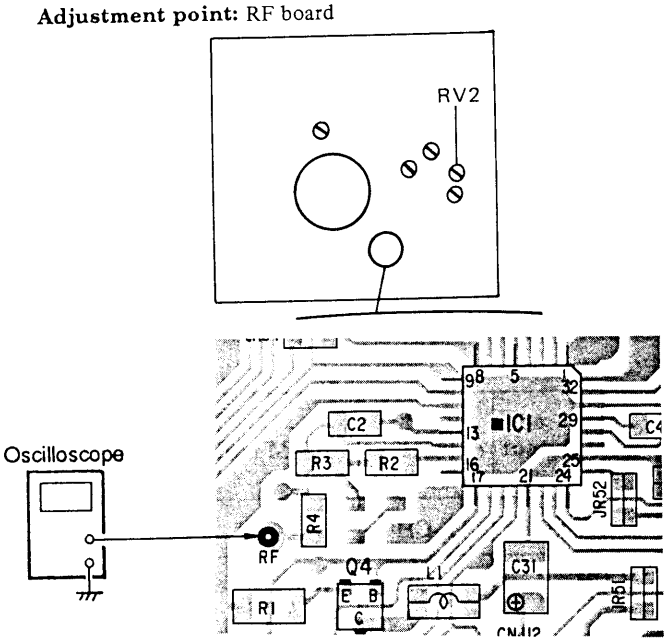



### Focus offset adjustment

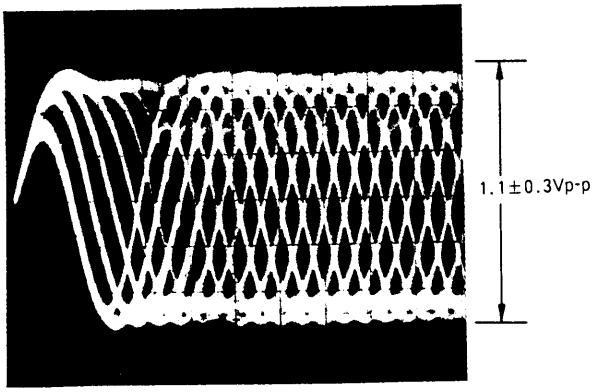
**Adjustment:**

1. Connect the oscilloscope to test point RF on the RF board.
2. Load a disc and set mode to PLAY.
3. Adjust RV2 so that the waveform on the oscilloscope (eye pattern) is maximum with good shape. "Well-shaped eye pattern" means that the mark " ◇ " is clearly distinguished at the center of the waveform.

**Adjustment point:** RF board




Volt/div: 200mV
Time/div: 0.5µsec

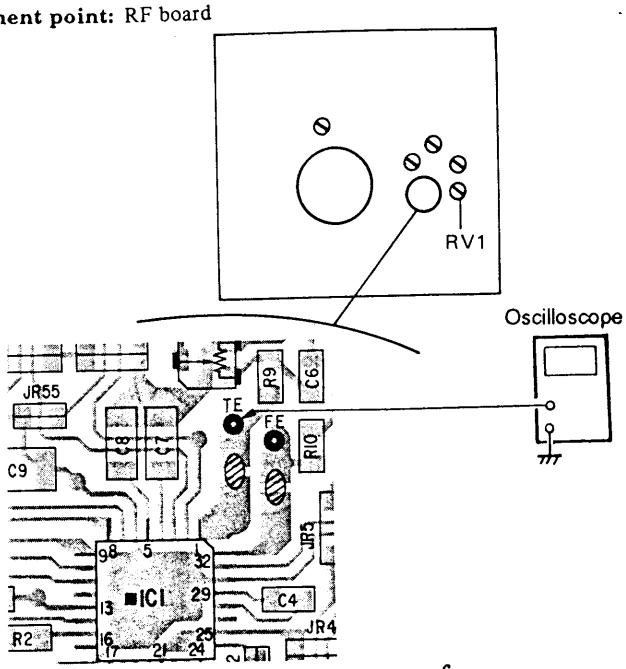



### Tracking offset adjustment

**Adjustment:**

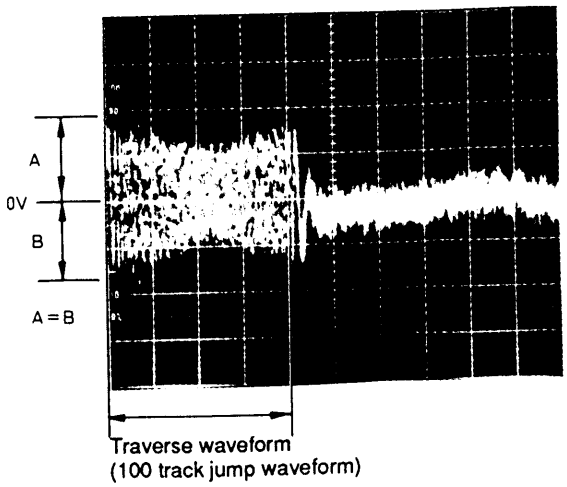
1. Connect the oscilloscope to test point TE on the MD board.
2. Load a disc and set mode to PLAY.
3. Press button ⏮ or ⏭ (◀◀ or ▶▶) and observe the traverse waveform.
4. Adjust RV1 so that the waveform is symmetric when cenetered at the level to be accessed.

**Adjustment point:** RF board




* Traverse waveform: Tracking error waveform which is observed when the track is traversed.

Volt/div: 0.5V
Time/div: 2msec
Center 0V



**Tracking gain adjustment (Coarse adjustment)**

This adjustment is not required unless the following parts are replaced:

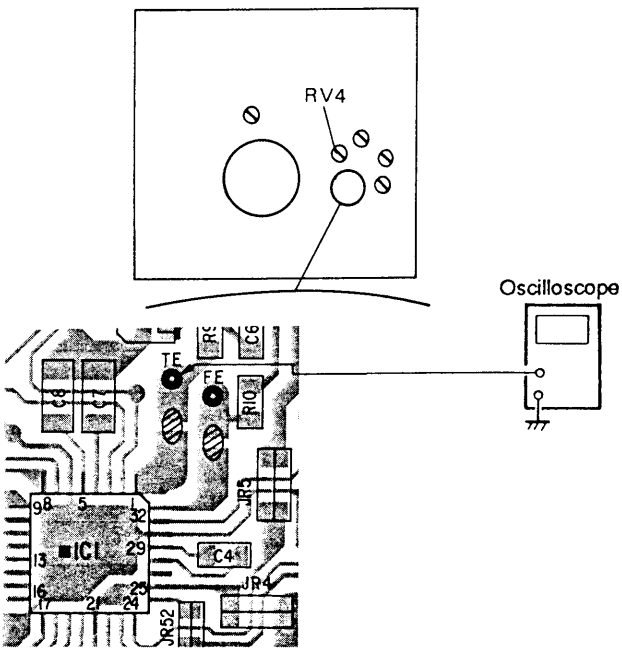
- Optical block
- BF503

Before starting this adjustment, complete the focus offset adjustment and the tracking off set adjustment.

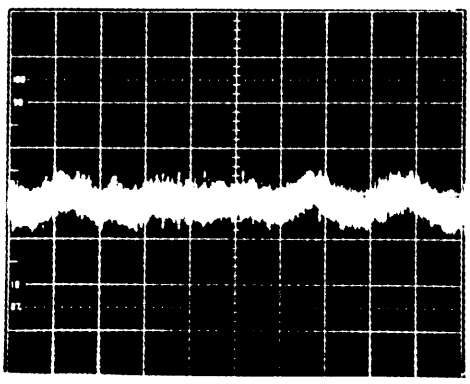
**Adjustment:**

1. Connect the oscilloscope to test point TE on the main board.
2. Load a disc and set mode to PLAY.
3. Turning RV4 clockwise, from the leftmost position, observe the waveform on the oscilloscope.
   Fix RV4 at the position where the waveform is become stable.

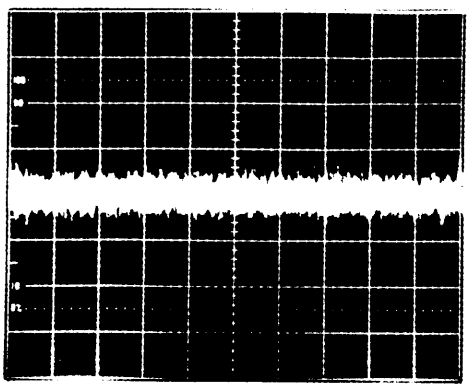
**Adjustment point:** RF board




Volt/div: 0.5V
Tile/div: 2msec



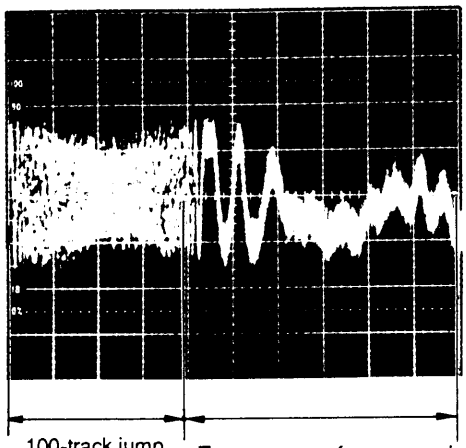
Fluctuating waveform



Stable waveform

- If the gain is too low

When music is selected by pressing button ⏮ or ⏭ , the tracking jump waveform is not focused completely and the music selection is delayed. (Break function does not work wall because its gain is too low.)

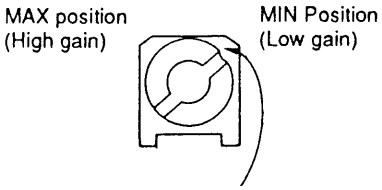


100-track jump waveform

Traverse waveform caused when break is not functioning well

- If the gain is too high

Noise due to scratches and dust is heard and the operation becomes unstable.




The standard setting is with the contact point located at this position.

— RV4 standard setting —

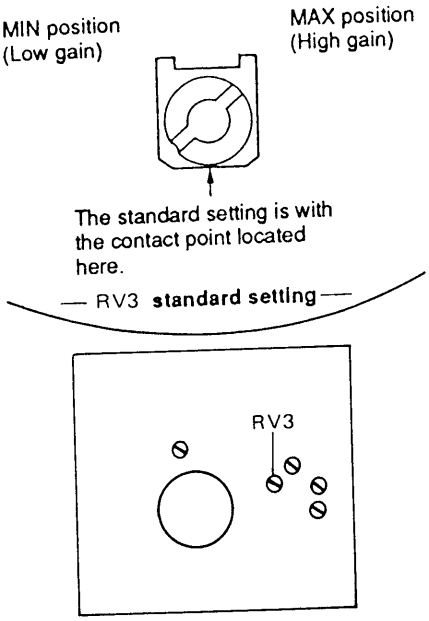
## Focus gain adjustment (Coarse adjustment)

This adjustment is not required unless the following parts are replaced:

- Optical block
- RV3

### Adjustment

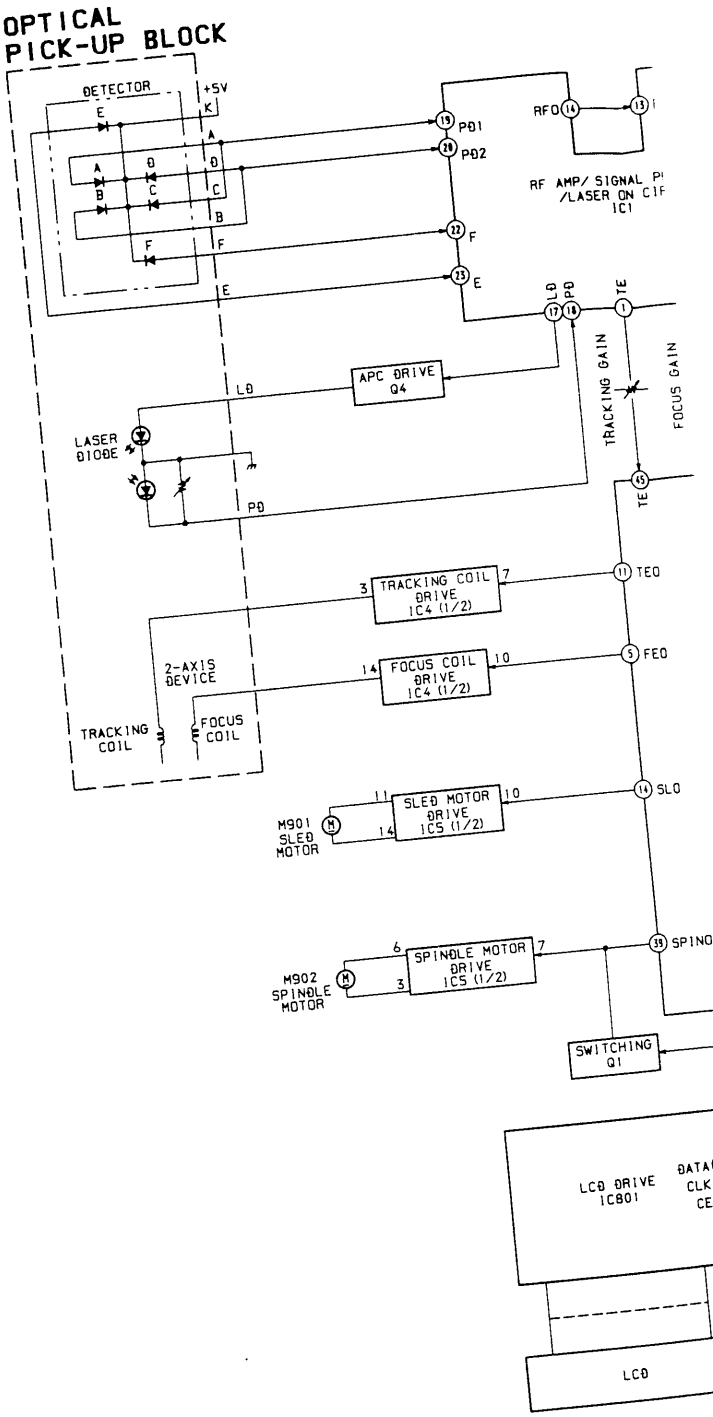
1. Set RV3 to the standard position.
2. Check whether operation noise (white noise type) caused by the double-axis device (lens section of the optical block) is abnormally loud.
   If the operation noise is too loud, turn RV3 slightly counterclockwise.



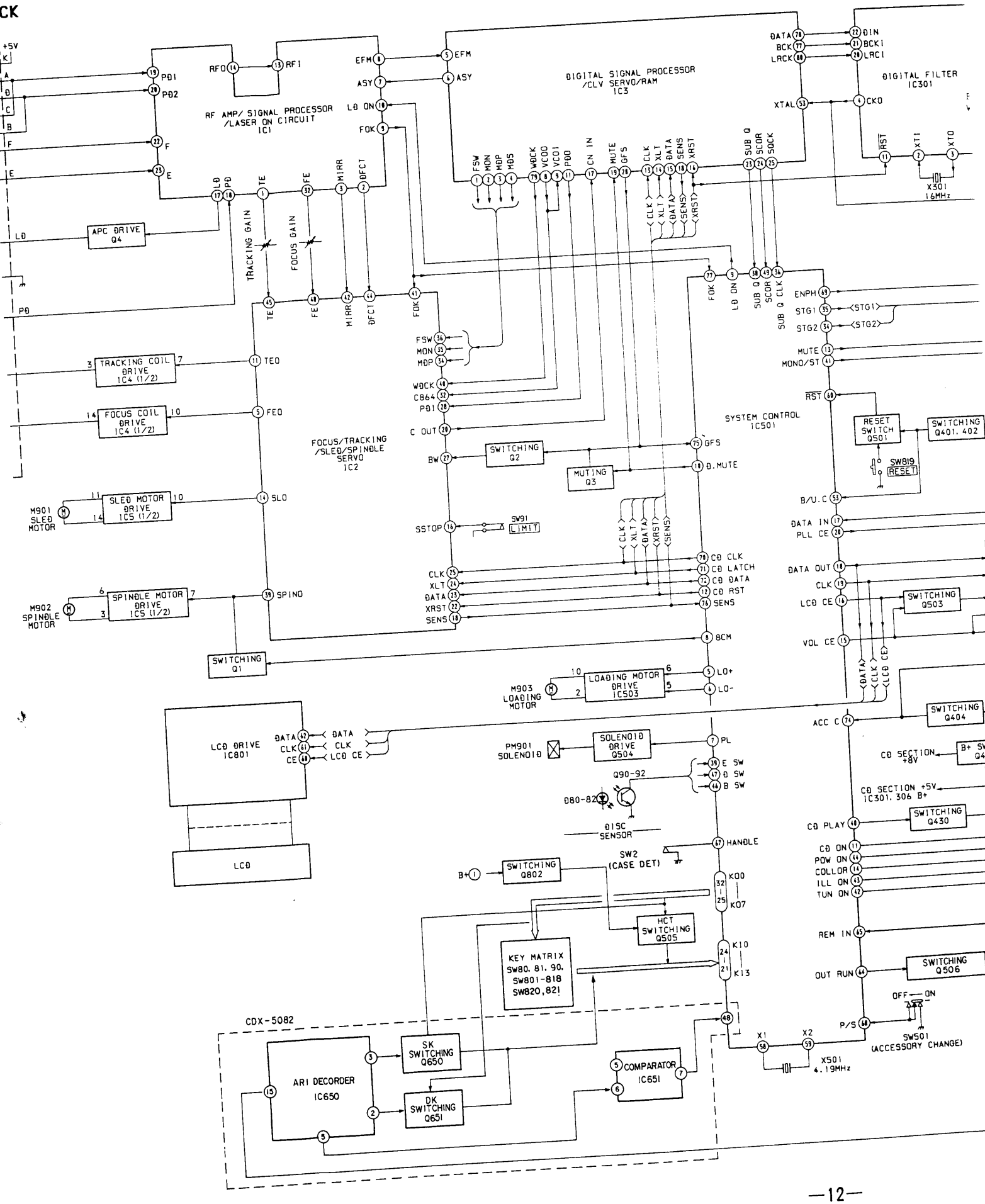

- If the gain is too low:
  Focus does not function and no music is selected.
- If the gain is too high:
  Noise caused by scratches and dust is heard and the operation becomes unstable.

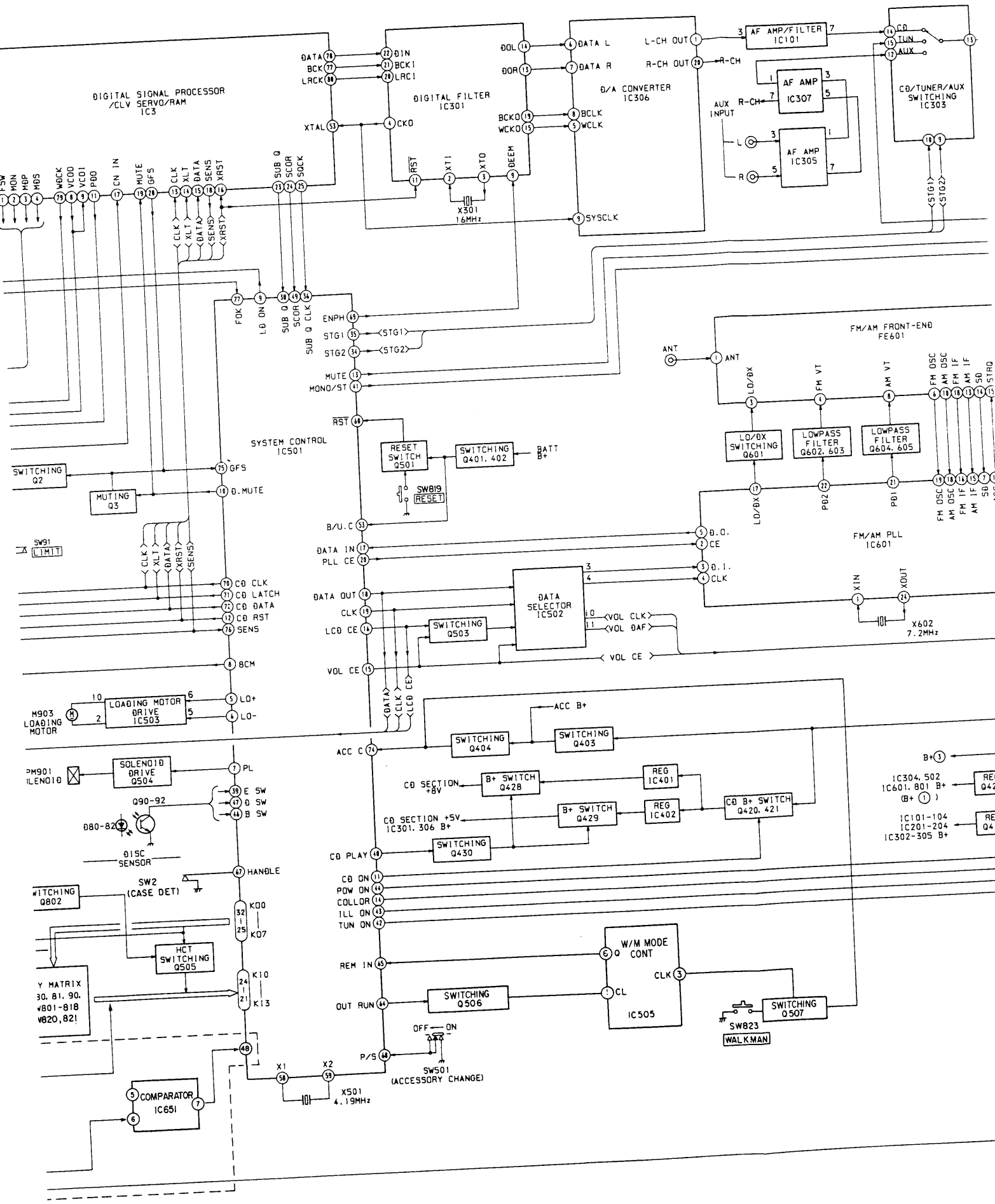
# SECTION 5
# DIAGRAMS

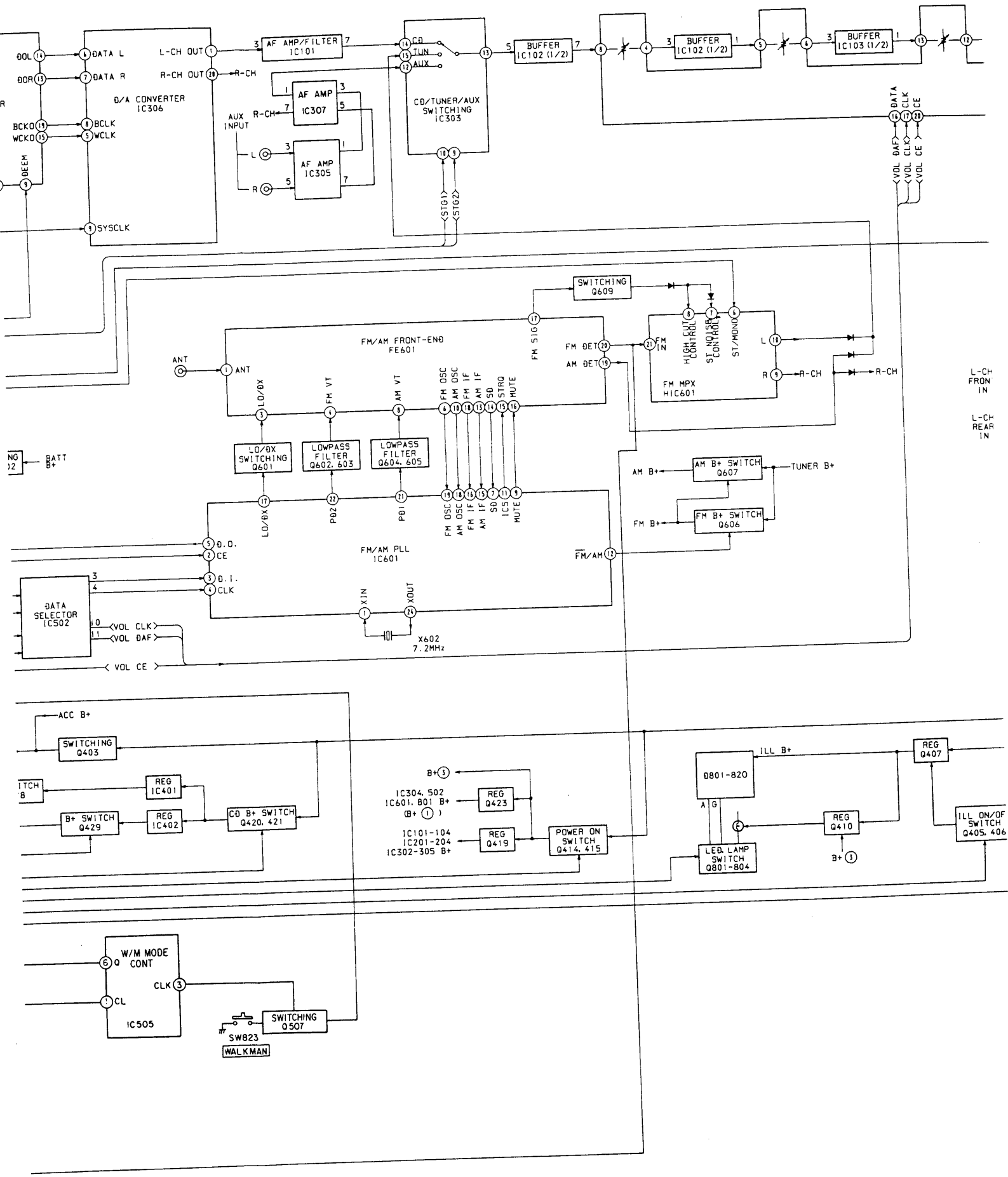
## 5-1. BLOCK DIAGRAM

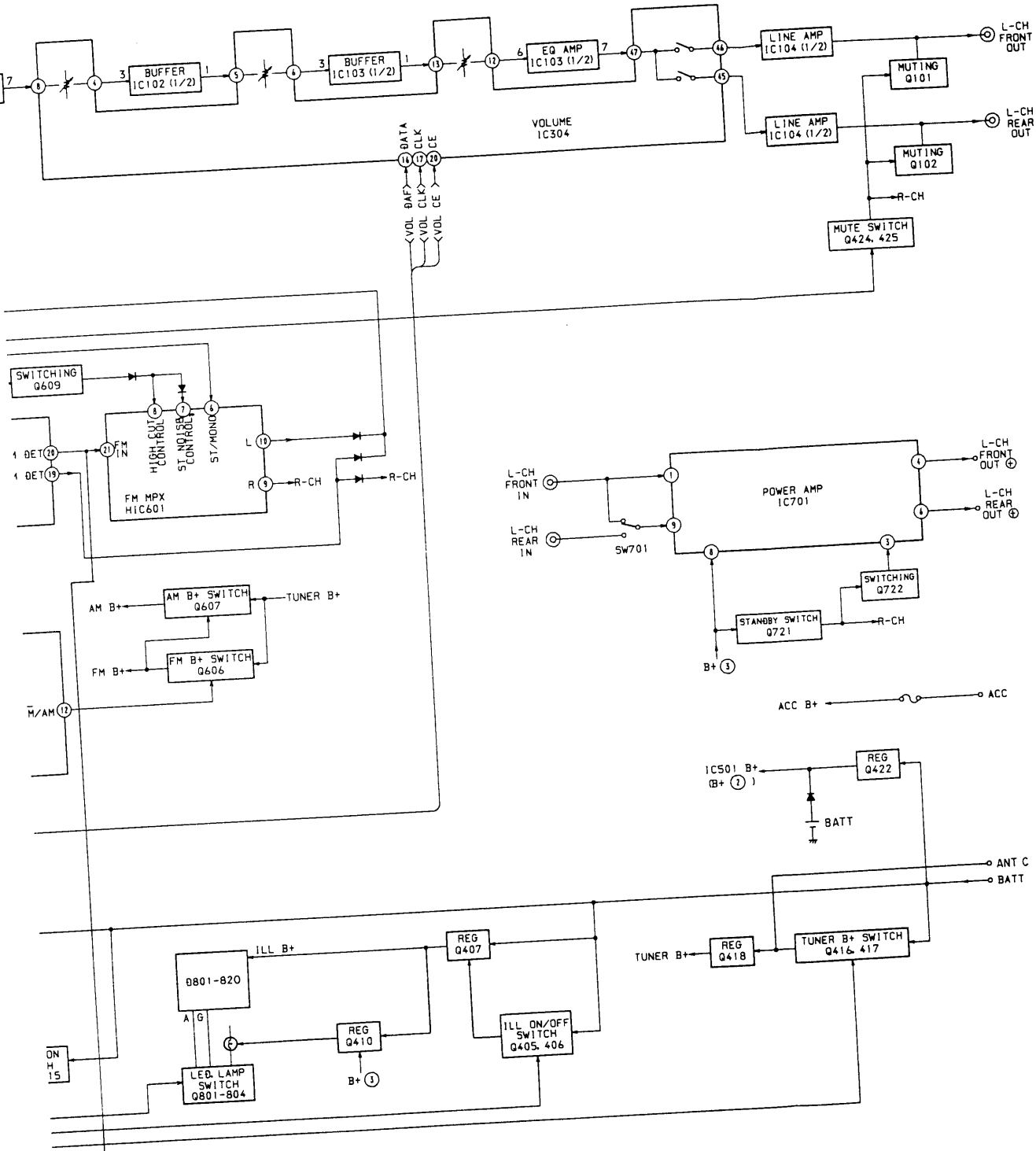


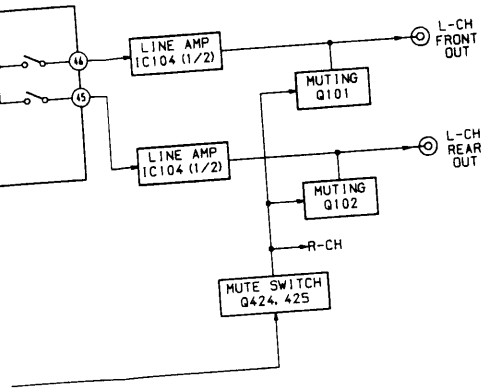
CK

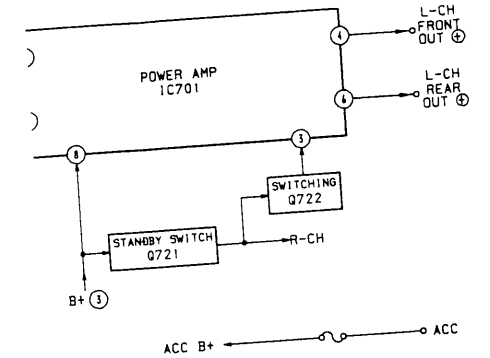

RF AMP/ SIGNAL PROCESSOR /LASER ON CIRCUIT IC1
DIGITAL SIGNAL PROCESSOR /CLV SERVO/RAM IC3
DIGITAL FILTER IC301
APC DRIVE Q4
TRACKING GAIN
FOCUS GAIN
TRACKING COIL DRIVE IC4 (1/2)
FOCUS COIL DRIVE IC4 (1/2)
FOCUS/TRACKING /SLED/SPINDLE SERVO IC2
SLED MOTOR DRIVE IC5 (1/2)
M901 SLED MOTOR
SPINDLE MOTOR DRIVE IC5 (1/2)
M902 SPINDLE MOTOR
SWITCHING Q1
SWITCHING Q2
MUTING Q3
SW91 LIMIT
SYSTEM CONTROL IC501
RESET SWITCH Q501
SWITCHING Q401, 402
SW819 RESET
SWITCHING Q503
SWITCHING Q404
SWITCHING Q430
SWITCHING Q506
SWITCHING Q802
LOADING MOTOR DRIVE IC503
M903 LOADING MOTOR
LCD DRIVE IC801
LCD
SOLENOID DRIVE Q504
PM901 SOLENOID
Q90-92
Q80-82
DISC SENSOR
SW2 (CASE DET)
HCT SWITCHING Q505
KEY MATRIX SW80, 81, 90, SW801-818 SW820,821
CD SECTION +8V
CD SECTION +5V IC301, 306 B+
CDX-5082
AR1 DECORDER IC650
SK SWITCHING Q650
DK SWITCHING Q651
COMPARATOR IC651
X501 4.19MHz
X301 16MHz
SW501 (ACCESSORY CHANGE)

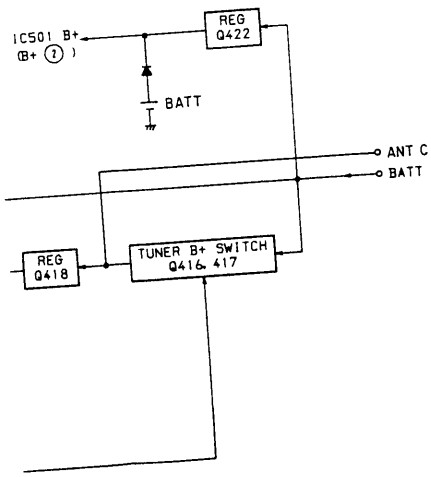

DIGITAL SIGNAL PROCESSOR /CLV SERVO/RAM IC3
DIGITAL FILTER IC301
D/A CONVERTER IC306
AF AMP/FILTER IC101
AF AMP IC307
AF AMP IC305
CD/TUNER/AUX SWITCHING IC303
AUX INPUT
L-CH OUT
R-CH OUT
R-CH
DATA
BCK
LRCK
XTAL
DOL
DOR
BCKO
WCKO
DATA L
DATA R
BCLK
WCLK
SYSCLK
X301 16MHz
SYSTEM CONTROL IC501
FM/AM FRONT-END FE601
ANT
LO/BX
FM VT
AM VT
LO/BX SWITCHING Q601
LOWPASS FILTER Q602, 603
LOWPASS FILTER Q604, 605
FM/AM PLL IC601
RESET SWITCH Q501
SWITCHING Q401, 402
BATT B+
SW819 RESET
SWITCHING Q2
MUTING Q3
SW91 LIMIT
GFS
D.MUTE
MUTE
MONO/ST
RST
B/U.C
DATA IN
PLL CE
CD CLK
CD LATCH
CD DATA
CD RST
SENS
BCM
LOADING MOTOR DRIVE IC503
M903 LOADING MOTOR
LO+
LO-
DATA SELECTOR IC502
DATA OUT
CLK
LCD CE
VOL CE
VOL CLK
VOL DAF
SWITCHING Q503
X602 7.2MHz
SOLENOID DRIVE Q504
SOLENOID
PL
E SW
D SW
B SW
Q90-92
D80-82
DISC SENSOR
HANDLE
SW2 (CASE DET)
SWITCHING Q802
HCT SWITCHING Q505
KEY MATRIX
KI0
KI3
KO0
KO7
ACC B+
ACC C
SWITCHING Q404
SWITCHING Q403
CD SECTION +8V
B+ SWITCH Q428
REG IC401
CD SECTION +5V IC301, 306 B+
B+ SWITCH Q429
REG IC402
CD B+ SWITCH Q420, 421
SWITCHING Q430
CD PLAY
CD ON
POW ON
COLLOR
ILL ON
TUN ON
REM IN
OUT RUN
P/S
W/M MODE Q CONT IC505
SWITCHING Q506
SWITCHING Q507
SW823 WALKMAN
OFF — ON
SW501 (ACCESSORY CHANGE)
X501 4.19MHz
COMPARATOR IC651
IC304, 502 IC601, 801 B+ (B+ 1)
REG Q423
IC101-104 IC201-204 IC302-305 B+
REG Q419


D/A CONVERTER IC306
DATA L
DATA R
BCLK
WCLK
SYSCLK
L-CH OUT
R-CH OUT
AF AMP/FILTER IC101
AF AMP IC307
AF AMP IC305
AUX INPUT
CD/TUNER/AUX SWITCHING IC303
CD
TUN
AUX
BUFFER IC102 (1/2)
BUFFER IC102 (1/2)
BUFFER IC103 (1/2)
DATA
CLK
CE
VOL DAF
VOL CLK
VOL CE
STG1
STG2
SWITCHING Q609
FM/AM FRONT-END FE601
ANT
FM SIG
FM DET
AM DET
FM IN
HIGH CUT CONTROL
ST NOISE CONTROL
ST/MONO
FM MPX HIC601
L
R
R-CH
L-CH FRON IN
L-CH REAR IN
LO/BX
FM VT
AM VT
FM OSC
AM OSC
FM IF
AM IF
SD
STRQ
MUTE
LO/BX SWITCHING Q601
LOWPASS FILTER Q602, 603
LOWPASS FILTER Q604, 605
P02
P01
ICS
AM B+ SWITCH Q607
FM B+ SWITCH Q606
AM B+
FM B+
TUNER B+
BATT B+
D.O.
CE
D.I.
CLK
FM/AM PLL IC601
FM/AM
XIN
XOUT
X602 7.2MHz
DATA SELECTOR IC502
VOL CLK
VOL DAF
VOL CE
ACC B+
SWITCHING Q403
REG IC401
REG IC402
B+ SWITCH Q429
CD B+ SWITCH Q420, 421
B+
IC304, 502 IC601, 801 B+ (B+ 1)
IC101-104 IC201-204 IC302-305 B+
REG Q423
REG Q419
POWER ON SWITCH Q414, 415
ILL B+
Q801-820
REG Q407
REG Q410
ILL ON/OFF SWITCH Q405, 406
LED LAMP SWITCH Q801-804
W/M MODE CONT
Q
CL
CLK
IC505
SW823
WALKMAN
SWITCHING Q507


BUFFER IC102 (1/2)
BUFFER IC103 (1/2)
EQ AMP IC103 (1/2)
LINE AMP IC104 (1/2)
LINE AMP IC104 (1/2)
L-CH FRONT OUT
L-CH REAR OUT
MUTING Q101
MUTING Q102
R-CH
MUTE SWITCH Q424, 425
VOLUME IC304
DATA
CLK
CE
VOL DAT
VOL CLK
VOL CE
SWITCHING Q609
HIGH CUT CONTROL
ST NOISE CONTROL
ST/MONO
FM IN
FM MPX HIC601
L
R
R-CH
R-CH
L-CH FRONT IN
L-CH REAR IN
SW701
POWER AMP IC701
L-CH FRONT OUT
L-CH REAR OUT
SWITCHING Q722
STANDBY SWITCH Q721
R-CH
B+
AM B+
AM B+ SWITCH Q607
TUNER B+
FM B+
FM B+ SWITCH Q606
ACC B+
ACC
IC501 B+
REG Q422
BATT
ANT C
BATT
0801-820
ILL B+
REG Q407
REG Q410
ILL ON/OFF SWITCH Q405, 406
LED LAMP SWITCH Q801-804
TUNER B+
REG Q418
TUNER B+ SWITCH Q416, 417

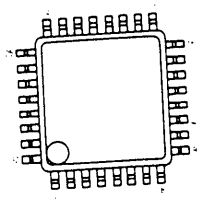

LINE AMP
IC104 (1/2)
L-CH
FRONT
OUT
MUTING
Q101
LINE AMP
IC104 (1/2)
L-CH
REAR
OUT
MUTING
Q102
R-CH
MUTE SWITCH
Q424, 425


POWER AMP
IC701
L-CH
FRONT
OUT
L-CH
REAR
OUT
SWITCHING
Q722
STANDBY SWITCH
Q721
R-CH
B+
ACC B+
ACC

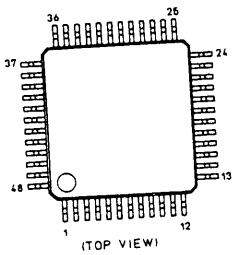

IC501 B+
REG
Q422
BATT
ANT C
BATT
REG
Q418
TUNER B+ SWITCH
Q416, 417

## 5-2. SEMICONDUCTOR LEAD LAYOUTS

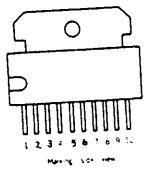
**CXA1081Q**



**CXA1082BQ**

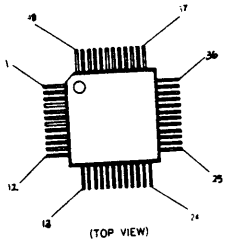



**LB1645N**

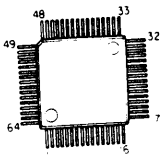


**CXD1167Q**
**UPD75516GF-107-3B9**

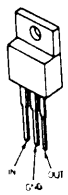
**LC7537AN**



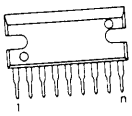

**LC7582**



**RC78M05FA**
**RC7808FA**



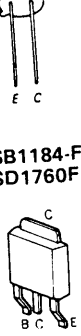
**TDA1519A**



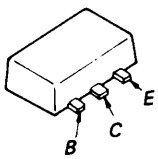
**DTA124EK**
**DTC114EK**
**DTC124EK**
**DTC143TU**
**DTC144EK**
**DTC314TKH04**
**DTD113EK**
**2SB624-BV345**
**2SC2412K**

**PN147-LF**

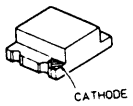
**2SB1184-F5-R**
**2SD1760F5-Q**



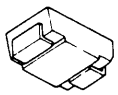

**2SB1115A**
**2SD1664-R**



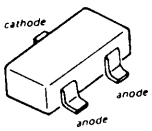

**CL-55Y/PG-D**



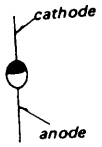

**LN1251C**



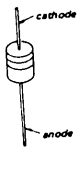
**MA152WK**




**PZ427**



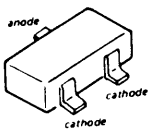

**RD3.9ES-B2**
**RD4.3ES-B2**
**RD5.6ES-B2**
**RD6.2ES-L1**
**RD8.2ES-B3**
**RD9.1ES-B2**
**RD9.1ES-B3**
**RD16ES-B3**
**1SS119**




**1SS226**



**1S2836**




## • SEMICONDUCTOR LOCATION (MD Section)

| Ref. No. | Location |
|---|---|
| D80 | F-1 |
| D81 | E-3 |
| D82 | C-1 |
| IC1 | F-11 |
| IC2 | D-11 |
| IC3 | E-7 |
| IC4 | B-11 |
| IC5 | B-10 |
| Q1 | E-10 |
| Q2 | C-7 |
| Q3 | C-7 |
| Q4 | G-10 |
| Q90 | F-5 |
| Q91 | F-4 |
| Q92 | D-4 |

LED BOARD
*********

< DIODE >

| | |
|---|---|
| D80 | 8-719-404-19 LN12 |
| D81 | 8-719-404-19 LN12 |
| D82 | 8-719-404-19 LN12 |

RF BOARD
********

< IC >

| | |
|---|---|
| IC1 | 8-752-033-14 CXA1 |
| IC2 | 8-752-037-50 CXA1 |
| IC3 | 8-752-335-91 CXD1 |
| IC4 | 8-759-821-76 LA65 |
| IC5 | 8-759-821-76 LA65 |

SENSOR BOARD
************

< TRANSISTOR >

| | |
|---|---|
| Q90 | 8-729-402-09 PN14 |
| Q91 | 8-729-402-09 PN14 |
| Q92 | 8-729-402-09 PN14 |

## • SEMICONDUCTOR LOCATION (MAIN Section)

| Ref. No. | Location | Ref. No. | Location | Ref. No. | Loca |
|---|---|---|---|---|---|
| D101 | F-9 | D806 | B-23 | Q202 | E- |
| D102 | F-9 | D807 | B-23 | Q301 | E- |
| D103 | H-9 | D808 | C-23 | Q401 | F- |
| D110 | K-13 | D809 | B-22 | Q402 | F- |
| D202 | E-9 | D810 | B-22 | Q403 | D- |
| D203 | F-9 | D811 | B-21 | Q404 | D- |
| D210 | K-14 | D812 | B-21 | Q407 | D- |
| D301 | K-14 | D813 | A-16 | Q410 | D- |
| D310 | K-14 | D817 | C-20 | Q419 | E- |
| D402 | F-11 | D818 | C-19 | Q420 | E- |
| D403 | E-14 | D821 | A-20 | Q421 | F- |
| D404 | E-14 | D829 | B-6 | Q422 | F- |
| D405 | D-10 | | | Q423 | D |
| D406 | D-10 | IC101 | I-6 | Q424 | E |
| D407 | D-9 | IC102 | G-8 | Q425 | F |
| D408 | E-12 | IC103 | G-8 | Q428 | E |
| D409 | D-11 | IC104 | G-9 | Q429 | E |
| D410 | D-10 | IC201 | H-6 | Q428 | F |
| D411 | E-8 | IC202 | F-8 | Q429 | F |
| D412 | F-11 | IC203 | F-8 | Q430 | |
| D413 | F-11 | IC204 | F-10 | Q501 | |
| D414 | E-8 | IC301 | J-6 | Q502 | |
| D415 | H-11 | IC302 | G-10 | Q503 | |
| D416 | E-6 | IC303 | F-6 | Q504 | |
| D501 | J-9 | IC304 | G-21 | Q505 | |
| D502 | J-9 | IC305 | D-7 | Q506 | |
| D503 | J-9 | IC306 | J-6 | Q602 | |
| D504 | J-9 | IC307 | E-7 | Q603 | |
| D505 | K-8 | IC401 | D-7 | Q604 | |
| D506 | F-5 | IC402 | D-5 | Q605 | |
| D507 | F-6 | IC403 | F-14 | Q608 | |
| D509 | J-8 | IC501 | I-9 | Q609 | |
| D510 | E-6 | IC502 | J-22 | Q610 | |
| D511 | E-6 | IC503 | G-5 | Q650 | |
| D601 | I-13 | IC505 | E-13 | Q651 | |
| D602 | I-12 | IC601 | J-12 | Q721 | |
| D603 | I-12 | IC650 | F-17 | Q722 | |
| D604 | I-12 | IC651 | F-12 | Q723 | |
| D721 | H-2 | IC701 | I-3 | Q801 | |
| D801 | A-24 | IC751 | I-1 | Q802 | |
| D802 | A-20 | IC801 | B-11 | Q803 | |
| D803 | B-24 | | | Q804 | |
| D804 | B-24 | Q102 | F-10 | Q805 | |
| D805 | C-24 | Q201 | E-9 | Q806 | |

For Service Manuals
MAURITRON SERVICES
8 Cherry Tree Road, Chinnor
Oxfordshire, OX9 4QY.
Tel (01844) 351694
Fax (01844) 352554
email:- mauritron@dial.pipex.com

## • SEMICONDUCTOR LOCATION (MD Section)

| Ref. No. | Location |
|---|---|
| D80 | F-1 |
| D81 | E-3 |
| D82 | C-1 |
| IC1 | F-11 |
| IC2 | D-11 |
| IC3 | E-7 |
| IC4 | B-11 |
| IC5 | B-10 |
| Q1 | E-10 |
| Q2 | C-7 |
| Q3 | C-7 |
| Q4 | G-10 |
| Q90 | F-5 |
| Q91 | F-4 |
| Q92 | D-4 |

LED BOARD
*********

< DIODE >

| | | |
|---|---|---|
| D80 | 8-719-404-19 | LN1251C |
| D81 | 8-719-404-19 | LN1251C |
| D82 | 8-719-404-19 | LN1251C |

RF BOARD
********

< IC >

| | | |
|---|---|---|
| IC1 | 8-752-033-14 | CXA1081Q |
| IC2 | 8-752-037-50 | CXA1082BQ |
| IC3 | 8-752-335-91 | CXD1167Q |
| IC4 | 8-759-821-76 | LA6533 |
| IC5 | 8-759-821-76 | LA6533 |

SENSOR BOARD
************

< TRANSISTOR >

| | | |
|---|---|---|
| Q90 | 8-729-402-09 | PN147-LF-S |
| Q91 | 8-729-402-09 | PN147-LF-S |
| Q92 | 8-729-402-09 | PN147-LF-S |

## • SEMICONDUCTOR LOCATION (MAIN Section)

| Ref. No. | Location | Ref. No. | Location | Ref. No. | Location |
|---|---|---|---|---|---|
| D101 | F-9 | D806 | B-23 | Q202 | E-10 |
| D102 | F-9 | D807 | B-23 | Q301 | E-8 |
| D103 | H-9 | D808 | C-23 | Q401 | F-11 |
| D110 | K-13 | D809 | B-22 | Q402 | F-11 |
| D202 | E-9 | D810 | B-22 | Q403 | D-14 |
| D203 | F-9 | D811 | B-21 | Q404 | D-14 |
| D210 | K-14 | D812 | B-21 | Q407 | D-20 |
| D301 | K-14 | D813 | A-16 | Q410 | D-20 |
| D310 | K-14 | D817 | C-20 | Q419 | E-9 |
| D402 | F-11 | D818 | C-19 | Q420 | E-23 |
| D403 | E-14 | D821 | A-20 | Q421 | F-6 |
| D404 | E-14 | D829 | B-6 | Q422 | F-11 |
| D405 | D-10 | | | Q423 | D-21 |
| D406 | D-10 | IC101 | I-6 | Q424 | E-9 |
| D407 | D-9 | IC102 | G-8 | Q425 | F-9 |
| D408 | E-12 | IC103 | G-8 | Q428 | E-24 |
| D409 | D-11 | IC104 | G-9 | Q429 | E-5 |
| D410 | D-10 | IC201 | H-6 | Q428 | E-24 |
| D411 | E-8 | IC202 | F-8 | Q429 | E-5 |
| D412 | F-11 | IC203 | F-8 | Q430 | F-6 |
| D413 | F-11 | IC204 | F-10 | Q501 | I-19 |
| D414 | E-8 | IC301 | J-6 | Q502 | J-23 |
| D415 | H-11 | IC302 | G-10 | Q503 | K-8 |
| D416 | E-6 | IC303 | F-6 | Q504 | F-5 |
| D501 | J-9 | IC304 | G-21 | Q505 | I-21 |
| D502 | J-9 | IC305 | D-7 | Q506 | E-12 |
| D503 | J-9 | IC306 | J-6 | Q602 | F-13 |
| D504 | J-9 | IC307 | E-7 | Q603 | G-13 |
| D505 | K-8 | IC401 | D-7 | Q604 | G-14 |
| D506 | F-5 | IC402 | D-5 | Q605 | G-14 |
| D507 | F-6 | IC403 | F-14 | Q608 | G-14 |
| D509 | J-8 | IC501 | I-9 | Q609 | J-13 |
| D510 | E-6 | IC502 | J-22 | Q610 | H-14 |
| D511 | E-6 | IC503 | G-5 | Q650 | J-11 |
| D601 | I-13 | IC505 | E-13 | Q651 | J-10 |
| D602 | I-12 | IC601 | J-12 | Q721 | J-2 |
| D603 | I-12 | IC650 | F-17 | Q722 | J-2 |
| D604 | I-12 | IC651 | F-12 | Q723 | J-2 |
| D721 | H-2 | IC701 | I-3 | Q801 | B-10 |
| D801 | A-24 | IC751 | I-1 | Q802 | B-10 |
| D802 | A-20 | IC801 | B-11 | Q803 | B-6 |
| D803 | B-24 | | | Q804 | B-6 |
| D804 | B-24 | Q102 | F-10 | Q805 | C-5 |
| D805 | C-24 | Q201 | E-9 | Q806 | C-6 |

DISPLAY BOARD
*************

< DIODE >

| | | |
|---|---|---|
| D801 | 8-719-987-45 | CL-155Y/PG-CD |
| D802 | 8-719-987-45 | CL-155Y/PG-CD |
| D803 | 8-719-987-45 | CL-155Y/PG-CD |
| D804 | 8-719-987-45 | CL-155Y/PG-CD |
| D805 | 8-719-987-45 | CL-155Y/PG-CD |
| D806 | 8-719-987-45 | CL-155Y/PG-CD |
| D807 | 8-719-987-45 | CL-155Y/PG-CD |
| D808 | 8-719-987-45 | CL-155Y/PG-CD |
| D809 | 8-719-987-45 | CL-155Y/PG-CD |
| D810 | 8-719-987-45 | CL-155Y/PG-CD |
| D811 | 8-719-987-45 | CL-155Y/PG-CD |
| D812 | 8-719-987-45 | CL-155Y/PG-CD |
| D813 | 8-719-987-45 | CL-155Y/PG-CD |
| D814 | 8-719-987-45 | CL-155Y/PG-CD |
| D815 | 8-719-987-45 | CL-155Y/PG-CD |
| D816 | 8-719-987-45 | CL-155Y/PG-CD |
| D817 | 8-719-987-45 | CL-155Y/PG-CD |
| D818 | 8-719-987-45 | CL-155Y/PG-CD |
| D819 | 8-719-987-45 | CL-155Y/PG-CD |
| D820 | 8-719-987-45 | CL-155Y/PG-CD |
| D821 | 8-719-987-45 | CL-155Y/PG-CD |
| D829 | 8-719-400-18 | 1S2837-T1 |

< IC >

| | | |
|---|---|---|
| IC801 | 8-759-821-44 | LC7582 |

< TRANSISTOR >

| | | |
|---|---|---|
| Q801 | 8-729-904-66 | DTD113EK |
| Q802 | 8-729-904-66 | DTD113EK |
| Q803 | 8-729-904-66 | DTD113EK |
| Q804 | 8-729-904-66 | DTD113EK |
| Q805 | 8-729-106-60 | 2SB1115A |
| Q806 | 8-729-901-00 | DTC124EK |

MAIN BOARD
**********

< DIODE >

| | | |
|---|---|---|
| D110 | 8-719-977-31 | DTZ11A |
| D210 | 8-719-977-31 | DTZ11A |
| D310 | 8-719-977-31 | DTZ11A |
| D413 | 8-719-104-34 | 1S2836 |
| D416 | 8-719-400-18 | MA152WK |
| D505 | 8-719-400-18 | MA152WK |
| D520 | 8-719-400-18 | MA152WK |
| D601 | 8-719-800-76 | 1SS226 |
| D602 | 8-719-104-34 | 1S2836 |

< IC >

| | | |
|---|---|---|
| IC101 | 8-759-924-46 | BA4560F |
| IC102 | 8-759-909-71 | BA4558F |
| IC103 | 8-759-909-71 | BA4558F |
| IC104 | 8-759-909-71 | BA4558F |
| IC201 | 8-759-924-46 | BA4560F |
| IC202 | 8-759-909-71 | BA4558F |
| IC203 | 8-759-909-71 | BA4558F |
| IC204 | 8-759-909-71 | BA4558F |
| IC301 | 8-759-501-31 | SM5840CS |
| IC302 | 8-759-909-71 | BA4558F |
| IC303 | 8-759-932-64 | BU4052BF |
| IC304 | 8-759-820-15 | LC7537AN |
| IC305 | 8-759-631-00 | M5280FP |
| IC306 | 8-759-822-61 | LC78820M |
| IC307 | 8-759-909-71 | BA4558F |
| IC401 | 8-759-982-07 | RC7808FA |
| IC402 | 8-759-982-31 | RC78M05FA |
| IC403 | 8-759-421-13 | |
| IC501 | 8-759-151-43 | |
| IC502 | 8-759-932-86 | |
| IC503 | 8-759-802-76 | |
| IC505 | 8-759-925-90 | |
| IC601 | 8-759-821-43 | |
| IC650 | 8-759-998-24 | |
| IC651 | 8-759-909-71 | |

< TRANSISTO

| | | |
|---|---|---|
| Q101 | 8-729-920-21 | |
| Q102 | 8-729-920-21 | |
| Q201 | 8-729-920-21 | |
| Q202 | 8-729-920-21 | |
| Q401 | 8-729-901-01 | |
| Q402 | 8-729-901-78 | |
| Q403 | 8-729-901-01 | |
| Q404 | 8-729-901-78 | |
| Q405 | 8-729-106-60 | |
| Q406 | 8-729-901-00 | |
| Q407 | 8-729-921-48 | |
| Q410 | 8-729-921-48 | |
| Q414 | 8-729-922-47 | |
| Q415 | 8-729-901-00 | |
| Q416 | 8-729-922-47 | |
| Q417 | 8-729-901-00 | |
| Q418 | 8-729-921-48 | |
| Q419 | 8-729-920-85 | |
| Q420 | 8-729-922-47 | |
| Q421 | 8-729-901-00 | |
| Q422 | 8-729-901-78 | |
| Q423 | 8-729-920-85 | |
| Q424 | 8-729-901-05 | |
| Q425 | 8-729-901-00 | |
| Q428 | 8-729-922-47 | |
| Q429 | 8-729-106-60 | |
| Q430 | 8-729-901-00 | |
| Q501 | 8-729-901-78 | |
| Q502 | 8-729-901-78 | |
| Q503 | 8-729-900-53 | |
| Q504 | 8-729-900-98 | |
| Q505 | 8-729-900-53 | |
| Q506 | 8-729-901-01 | |
| Q507 | 8-729-901-05 | |
| Q601 | 8-729-901-05 | |
| Q602 | 8-729-901-78 | |
| Q603 | 8-729-901-78 | |
| Q604 | 8-729-901-78 | |
| Q605 | 8-729-901-78 | |
| Q606 | 8-729-106-60 | |
| Q607 | 8-729-106-60 | |
| Q608 | 8-729-901-00 | |
| Q609 | 8-729-901-78 | |
| Q610 | 8-729-901-78 | |
| Q650 | 8-729-900-53 | |
| Q651 | 8-729-900-53 | |

POWER AMP BOARD
***************

< IC >

| | | |
|---|---|---|
| IC701 | 8-759-501-33 | T |
| IC751 | 8-759-501-33 | T |

< TRANSISTOF

| | | |
|---|---|---|
| Q721 | 8-729-901-00 | |
| Q722 | 8-729-901-00 | |
| Q723 | 8-729-901-00 | |

DISPLAY BOARD
**********

< DIODE >

| | | |
|---|---|---|
| D801 | 8-719-987-45 | CL-155Y/PG-CD |
| D802 | 8-719-987-45 | CL-155Y/PG-CD |
| D803 | 8-719-987-45 | CL-155Y/PG-CD |
| D804 | 8-719-987-45 | CL-155Y/PG-CD |
| D805 | 8-719-987-45 | CL-155Y/PG-CD |
| D806 | 8-719-987-45 | CL-155Y/PG-CD |
| D807 | 8-719-987-45 | CL-155Y/PG-CD |
| D808 | 8-719-987-45 | CL-155Y/PG-CD |
| D809 | 8-719-987-45 | CL-155Y/PG-CD |
| D810 | 8-719-987-45 | CL-155Y/PG-CD |
| D811 | 8-719-987-45 | CL-155Y/PG-CD |
| D812 | 8-719-987-45 | CL-155Y/PG-CD |
| D813 | 8-719-987-45 | CL-155Y/PG-CD |
| D814 | 8-719-987-45 | CL-155Y/PG-CD |
| D815 | 8-719-987-45 | CL-155Y/PG-CD |
| D816 | 8-719-987-45 | CL-155Y/PG-CD |
| D817 | 8-719-987-45 | CL-155Y/PG-CD |
| D818 | 8-719-987-45 | CL-155Y/PG-CD |
| D819 | 8-719-987-45 | CL-155Y/PG-CD |
| D820 | 8-719-987-45 | CL-155Y/PG-CD |
| D821 | 8-719-987-45 | CL-155Y/PG-CD |
| D829 | 8-719-400-18 | 1S2837-T1 |

< IC >

| | | |
|---|---|---|
| IC801 | 8-759-821-44 | LC7582 |

< TRANSISTOR >

| | | |
|---|---|---|
| Q801 | 8-729-904-66 | DTD113EK |
| Q802 | 8-729-904-66 | DTD113EK |
| Q803 | 8-729-904-66 | DTD113EK |
| Q804 | 8-729-904-66 | DTD113EK |
| Q805 | 8-729-106-60 | 2SB1115A |
| Q806 | 8-729-901-00 | DTC124EK |

MAIN BOARD
**********

< DIODE >

| | | |
|---|---|---|
| D110 | 8-719-977-31 | DTZ11A |
| D210 | 8-719-977-31 | DTZ11A |
| D310 | 8-719-977-31 | DTZ11A |
| D413 | 8-719-104-34 | 1S2836 |
| D416 | 8-719-400-18 | MA152WK |
| D505 | 8-719-400-18 | MA152WK |
| D520 | 8-719-400-18 | MA152WK |
| D601 | 8-719-800-76 | 1SS226 |
| D602 | 8-719-104-34 | 1S2836 |

< IC >

| | | |
|---|---|---|
| IC101 | 8-759-924-46 | BA4560F |
| IC102 | 8-759-909-71 | BA4558F |
| IC103 | 8-759-909-71 | BA4558F |
| IC104 | 8-759-909-71 | BA4558F |
| IC201 | 8-759-924-46 | BA4560F |
| IC202 | 8-759-909-71 | BA4558F |
| IC203 | 8-759-909-71 | BA4558F |
| IC204 | 8-759-909-71 | BA4558F |
| IC301 | 8-759-501-31 | SM5840CS |
| IC302 | 8-759-909-71 | BA4558F |
| IC303 | 8-759-932-64 | BU4052BF |
| IC304 | 8-759-820-15 | LC7537AN |
| IC305 | 8-759-631-00 | M5280FP |
| IC306 | 8-759-822-61 | LC78820M |
| IC307 | 8-759-909-71 | BA4558F |
| IC401 | 8-759-982-07 | RC7808FA |
| IC402 | 8-759-982-31 | RC78M05FA |
| IC403 | 8-759-421-13 | AN8009M |
| IC501 | 8-759-151-43 | uPD75516GF-160-3B9 |
| IC502 | 8-759-932-86 | BU4081BF |
| IC503 | 8-759-802-76 | LB1645N |
| IC505 | 8-759-925-90 | SN74HC74ANS |
| IC601 | 8-759-821-43 | LC7218M |
| IC650 | 8-759-998-24 | TDA1579T |
| IC651 | 8-759-909-71 | BA4558F |

< TRANSISTOR >

| | | |
|---|---|---|
| Q101 | 8-729-920-21 | DTC314TK-H04 |
| Q102 | 8-729-920-21 | DTC314TK-H04 |
| Q201 | 8-729-920-21 | DTC314TK-H04 |
| Q202 | 8-729-920-21 | DTC314TK-H04 |
| Q401 | 8-729-901-01 | DTC144EK |
| Q402 | 8-729-901-78 | 2SC2412K-R |
| Q403 | 8-729-901-01 | DTC144EK |
| Q404 | 8-729-901-78 | 2SC2412K-R |
| Q405 | 8-729-106-60 | 2SB1115A |
| Q406 | 8-729-901-00 | DTC124EK |
| Q407 | 8-729-921-48 | 2SD1760-F5-Q |
| Q410 | 8-729-921-48 | 2SD1760-F5-Q |
| Q414 | 8-729-922-47 | 2SB1184-F5-R |
| Q415 | 8-729-901-00 | DTC124EK |
| Q416 | 8-729-922-47 | 2SB1184-F5-R |
| Q417 | 8-729-901-00 | DTC124EK |
| Q418 | 8-729-921-48 | 2SD1760-F5-Q |
| Q419 | 8-729-920-85 | 2SD1664-QR |
| Q420 | 8-729-922-47 | 2SB1184-F5-R |
| Q421 | 8-729-901-00 | DTC124EK |
| Q422 | 8-729-901-78 | 2SC2412K-R |
| Q423 | 8-729-920-85 | 2SD1664-QR |
| Q424 | 8-729-901-05 | DTA124EK |
| Q425 | 8-729-901-00 | DTC124EK |
| Q428 | 8-729-922-47 | 2SB1184-F5-R |
| Q429 | 8-729-106-60 | 2SB1115A |
| Q430 | 8-729-901-00 | DTC124EK |
| Q501 | 8-729-901-78 | 2SC2412K-R |
| Q502 | 8-729-901-78 | 2SC2412K-R |
| Q503 | 8-729-900-53 | DTC114EK |
| Q504 | 8-729-900-98 | DTC143TK |
| Q505 | 8-729-900-53 | DTC114EK |
| Q506 | 8-729-901-01 | DTC144EK |
| Q507 | 8-729-901-05 | DTA124EK |
| Q601 | 8-729-901-05 | DTA124EK |
| Q602 | 8-729-901-78 | 2SC2412K-R |
| Q603 | 8-729-901-78 | 2SC2412K-R |
| Q604 | 8-729-901-78 | 2SC2412K-R |
| Q605 | 8-729-901-78 | 2SC2412K-R |
| Q606 | 8-729-106-60 | 2SB1115A |
| Q607 | 8-729-106-60 | 2SB1115A |
| Q608 | 8-729-901-00 | DTC124EK |
| Q609 | 8-729-901-78 | 2SC2412K-R |
| Q610 | 8-729-901-78 | 2SC2412K-R |
| Q650 | 8-729-900-53 | DTC114EK |
| Q651 | 8-729-900-53 | DTC114EK |

POWER AMP BOARD
**********

< IC >

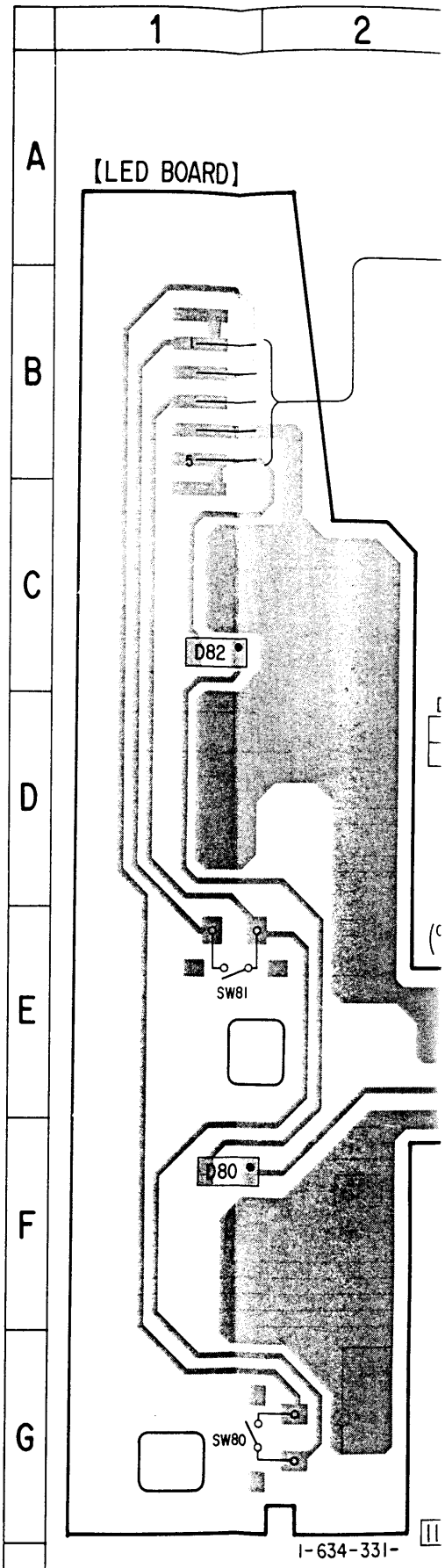
| | | |
|---|---|---|
| IC701 | 8-759-501-33 | TDA1519A |
| IC751 | 8-759-501-33 | TDA1519A |

< TRANSISTOR >

| | | |
|---|---|---|
| Q721 | 8-729-901-00 | DTC124EK |
| Q722 | 8-729-901-00 | DTC124EK |
| Q723 | 8-729-901-00 | DTC124EK |

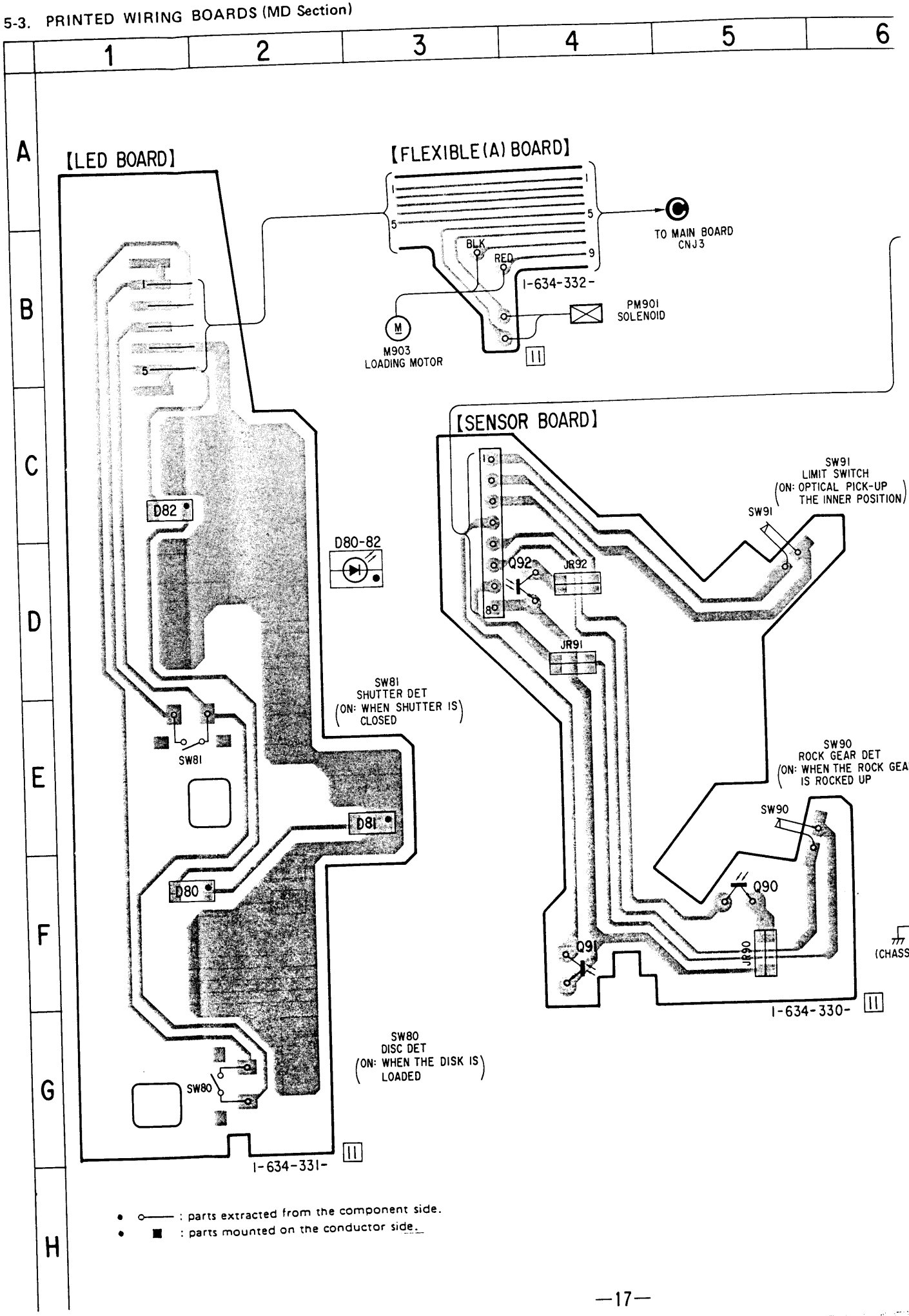


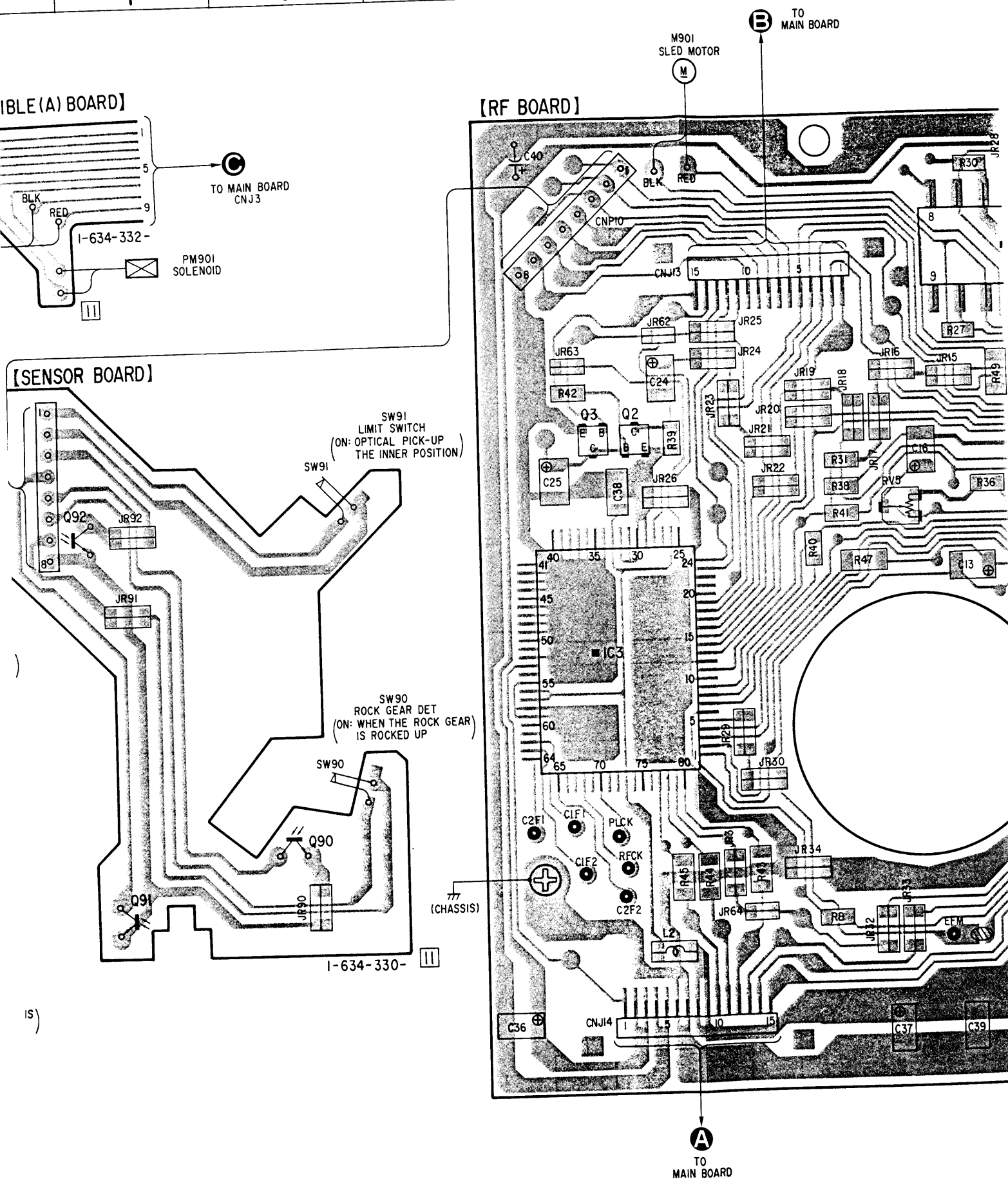
5-3. PRINTED WIRING BOARDS (MD Sec

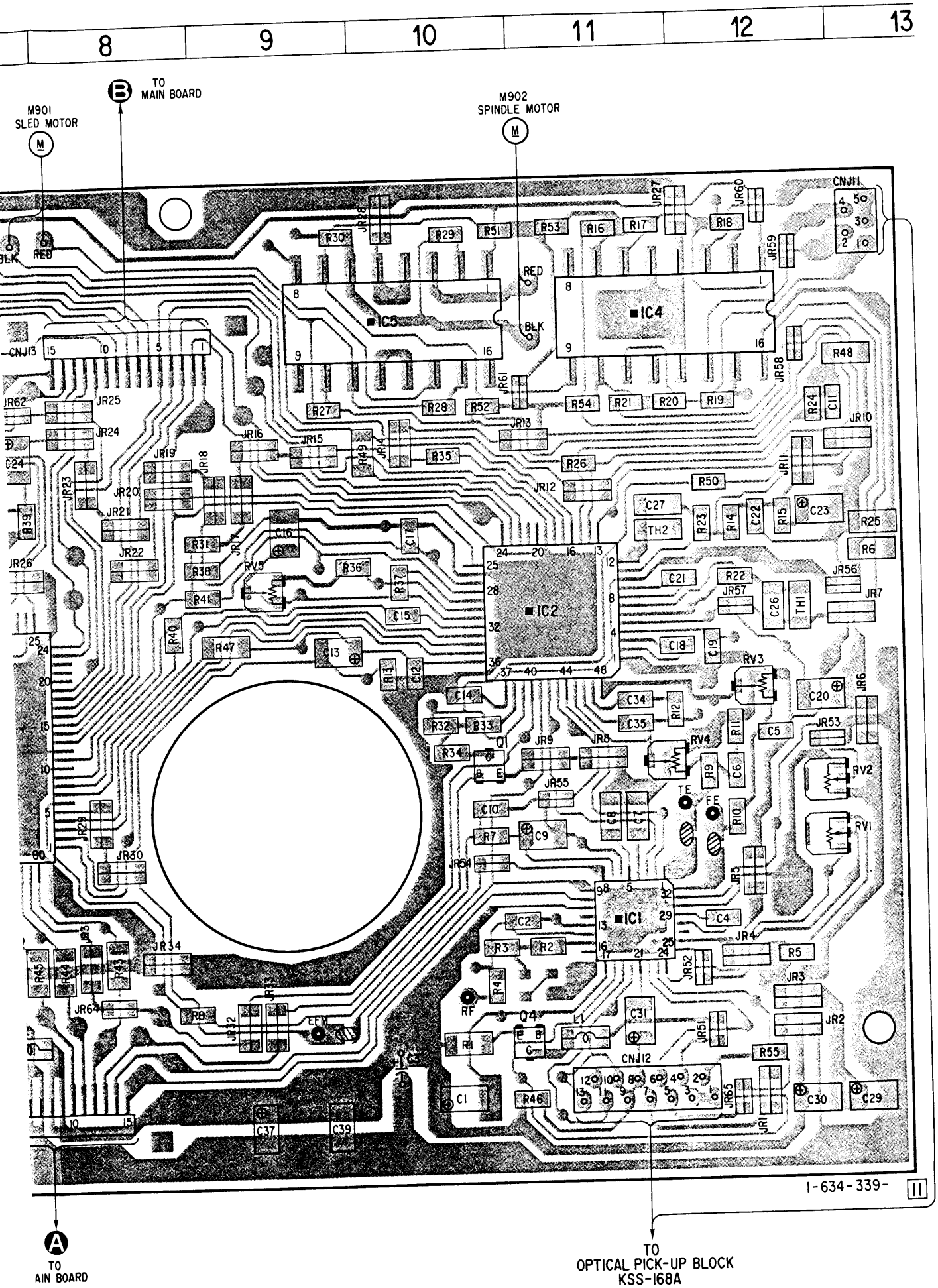



• ○—— : parts extracted from the con
• ■ : parts mounted on the condu

## 5-3. PRINTED WIRING BOARDS (MD Section)

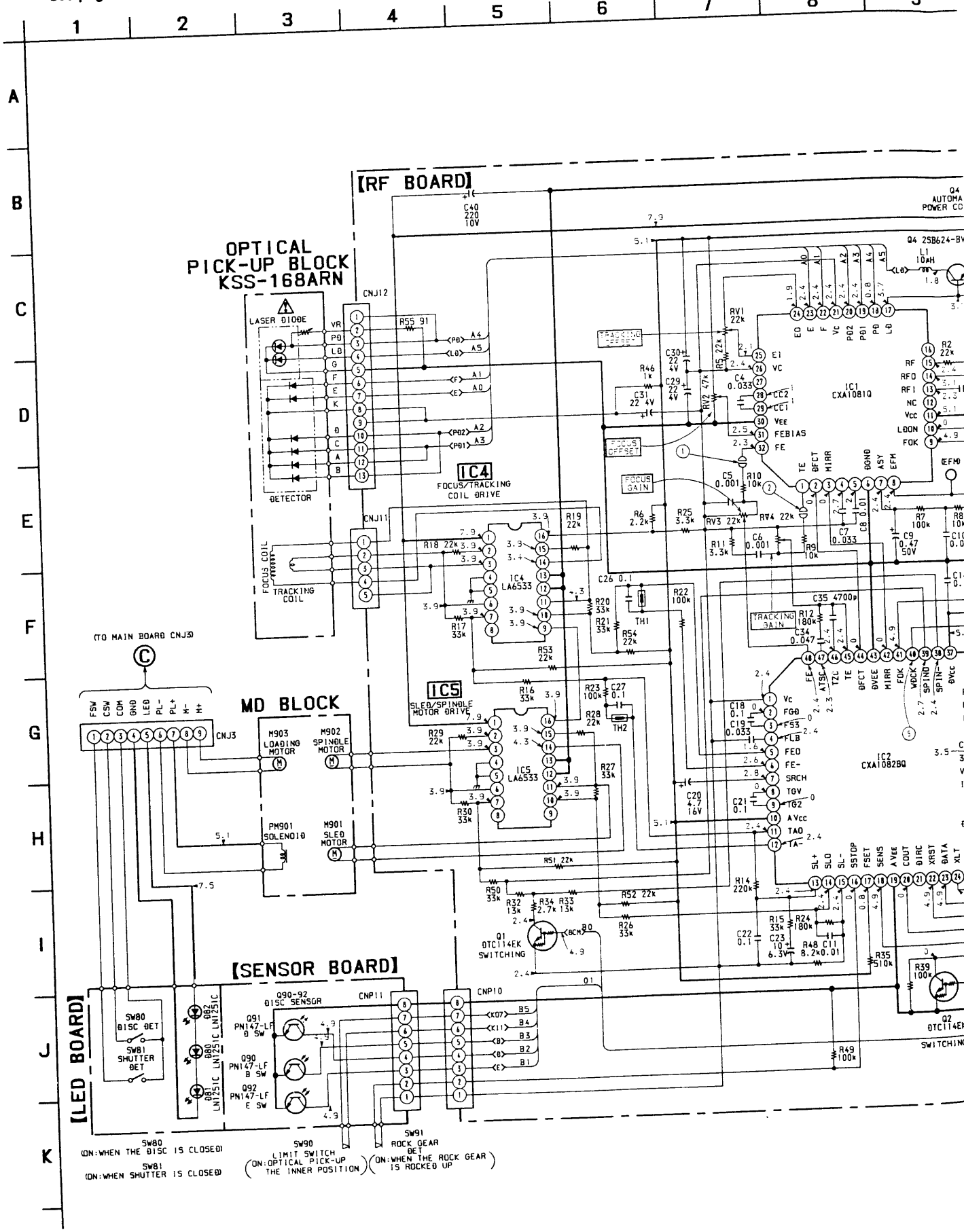



IBLE(A) BOARD】
1
5
9
BLK
RED
1-634-332-
TO MAIN BOARD
CNJ3
PM901
SOLENOID
11
C
M901
SLED MOTOR
M
B
TO
MAIN BOARD
【RF BOARD】
C40
BLK
RED
CNP10
CNJ13
JR62
JR25
JR63
JR24
C24
R42
Q3
Q2
R39
C25
C38
JR26
JR23
JR21
JR22
JR19
JR18
JR16
JR15
R49
R27
R30
JR28
C16
R31
R38
RV5
R36
R41
R40
R47
C13
IC3
JR29
JR30
C2F1
C1F1
PLCK
C1F2
RFCK
C2F2
L2
JR34
JR33
JR32
JR64
R8
EFM
C36
CNJ14
C37
C39
【SENSOR BOARD】
SW91
LIMIT SWITCH
(ON: OPTICAL PICK-UP
THE INNER POSITION)
SW91
Q92
JR92
JR91
SW90
ROCK GEAR DET
(ON: WHEN THE ROCK GEAR
IS ROCKED UP
SW90
Q90
Q91
JR90
(CHASSIS)
1-634-330-
11
A
TO
MAIN BOARD

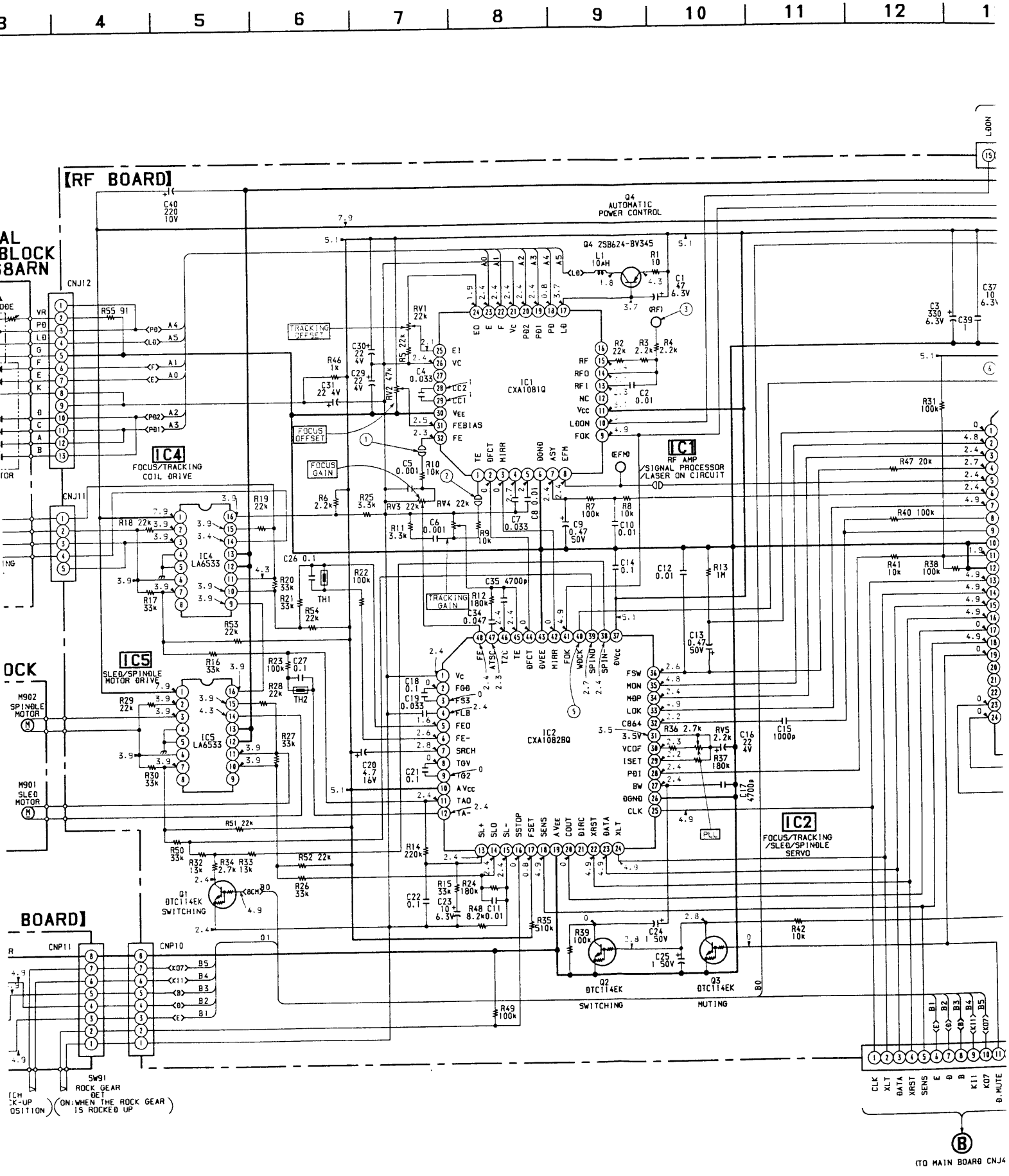

8
9
10
11
12
13
M901
SLED MOTOR
M902
SPINDLE MOTOR
TO
MAIN BOARD
IC1
IC2
IC4
IC5
CNJ11
CNJ12
CNJ13
I-634-339-
TO
AIN BOARD
TO
OPTICAL PICK-UP BLOCK
KSS-168A

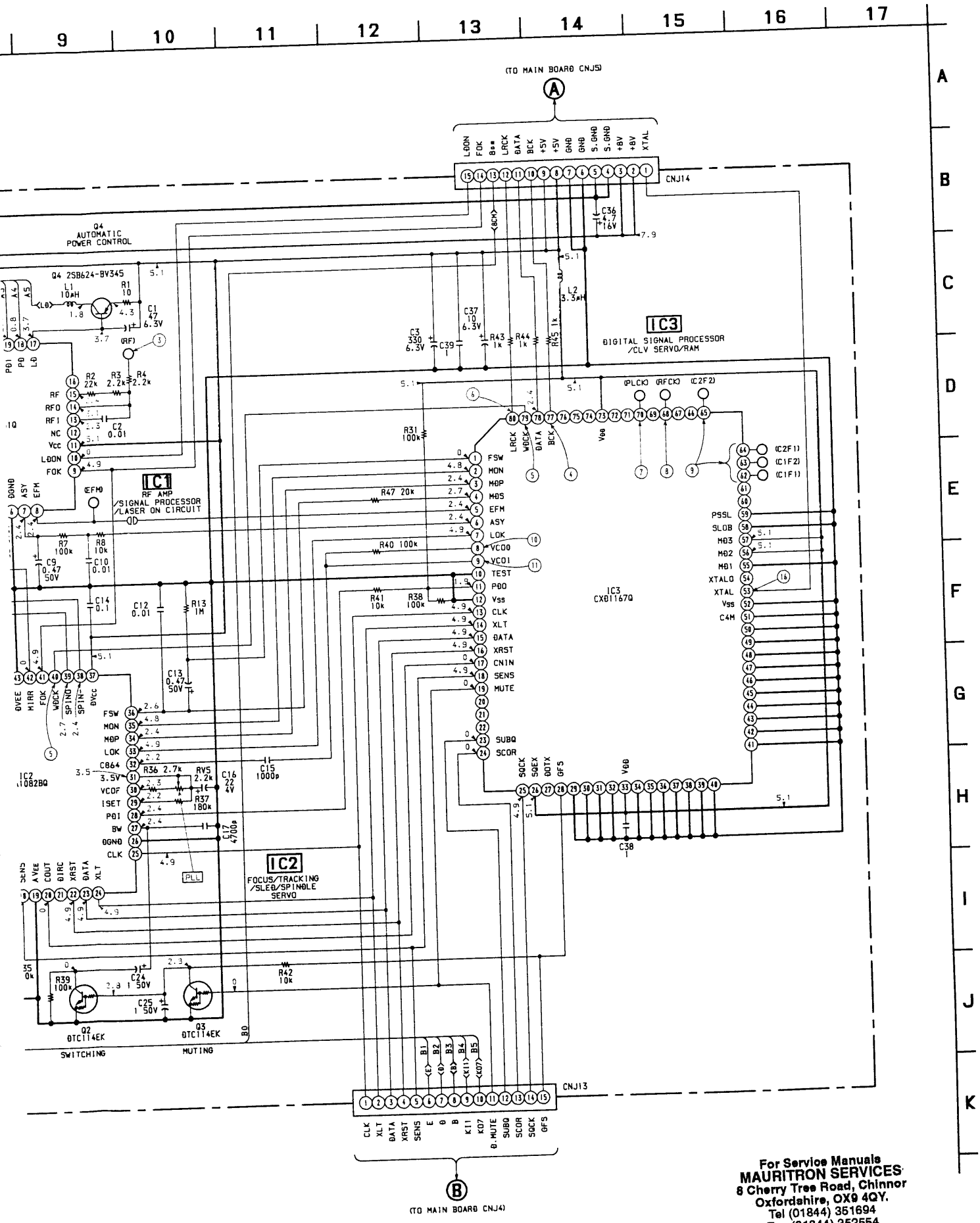
## 5-4. SCHEMATIC DIAGRAM (MD Section)

- See page 29 for IC BLOCK DIAGRAMS.
- See page 32 for WAVEFORMS.



ion)
AGRAMS.


【RF BOARD】
IC1
CXA1081Q
RF AMP
/SIGNAL PROCESSOR
/LASER ON CIRCUIT
IC2
CXA1082BQ
FOCUS/TRACKING
/SLED/SPINDLE
SERVO
IC4
FOCUS/TRACKING
COIL DRIVE
IC5
SLED/SPINDLE
MOTOR DRIVE
IC4 LA6533
IC5 LA6533
Q4
AUTOMATIC
POWER CONTROL
Q4 2SB624-BV345
Q1
DTC114EK
SWITCHING
Q2
DTC114EK
SWITCHING
Q3
DTC114EK
MUTING
TRACKING OFFSET
FOCUS OFFSET
FOCUS GAIN
TRACKING GAIN
PLL
M902
SPINDLE
MOTOR
M901
SLED
MOTOR
CNJ12
CNJ11
CNP11
CNP10
SW91
ROCK GEAR
DET
(ON:WHEN THE ROCK GEAR
IS ROCKED UP
(TO MAIN BOARD CNJ4

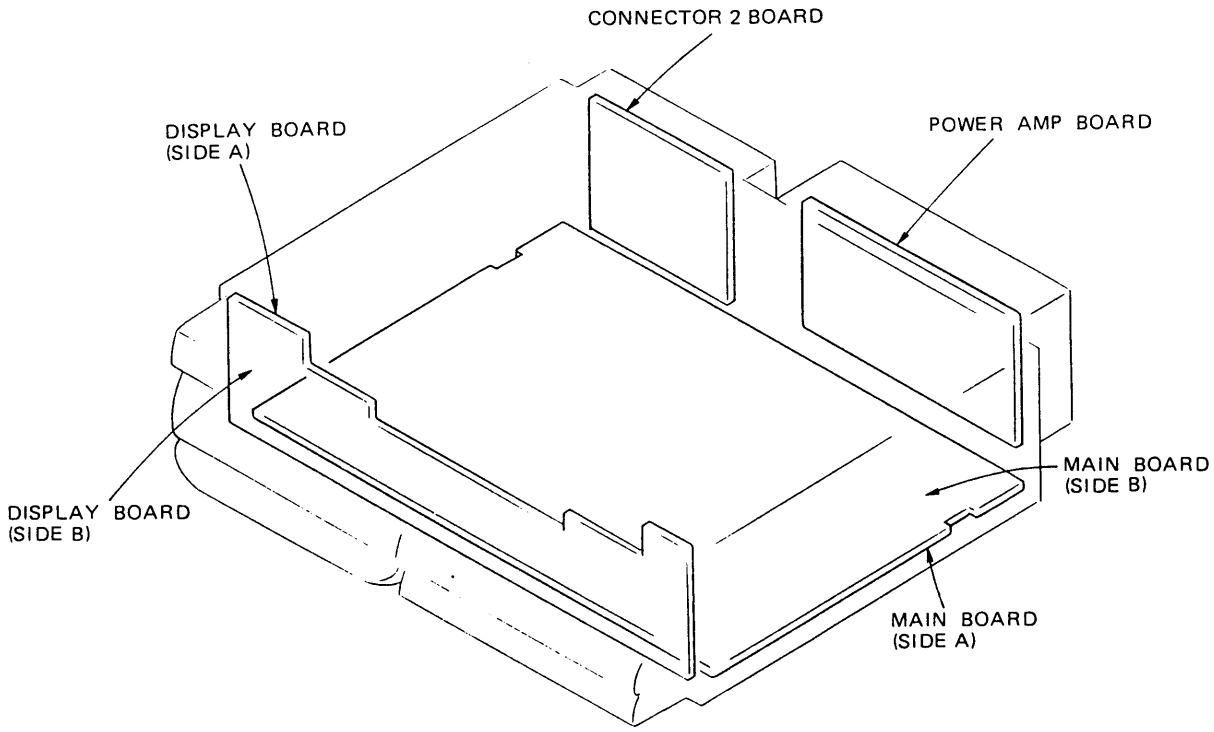



For Service Manuals
MAURITRON SERVICES
8 Cherry Tree Road, Chinnor
Oxfordshire, OX9 4QY.
Tel (01844) 351694
Fax (01844) 352554
email:- mauritron@dial.pipex.com

Note: (MD SECTION)

- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and 1/10W or less unless otherwise specified.
- ——— : B+ lines.
- Power voltage is dc 14.4V dc and fed with regulated dc power supply from battery, accesory terminals..
- Voltage and waveforms are dc with respect to ground under no signal conditions.
  no mark : CD PLAY
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : CD

## 5-5. CIRCUIT BOARDS LOCATION

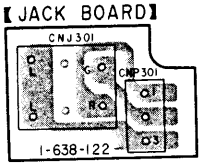


## 5-6. PRINTED WIRING BOARDS (MAIN Section)

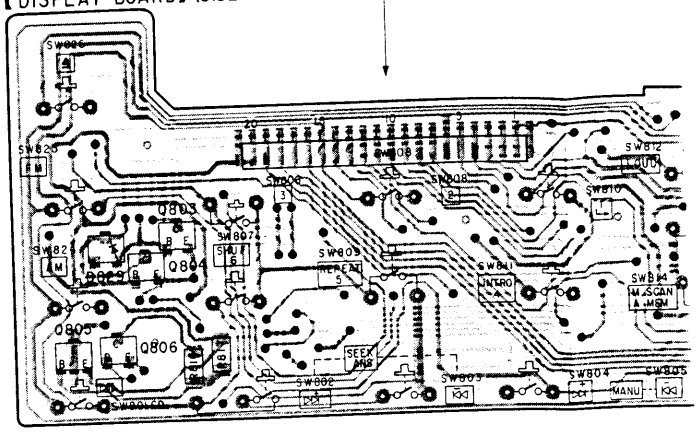
• See page 15 for semiconductor lead layouts and semiconductor location. •

- ○—— : parts extracted from the component side.
- ■ : parts mounted on the conductor side.
- ● : Through hole.
- ▒ : Pattern on the side which is seen.
- : Pattern of the rear side.

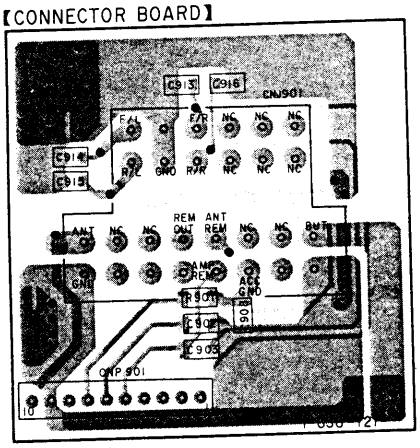
【JACK BOARD】



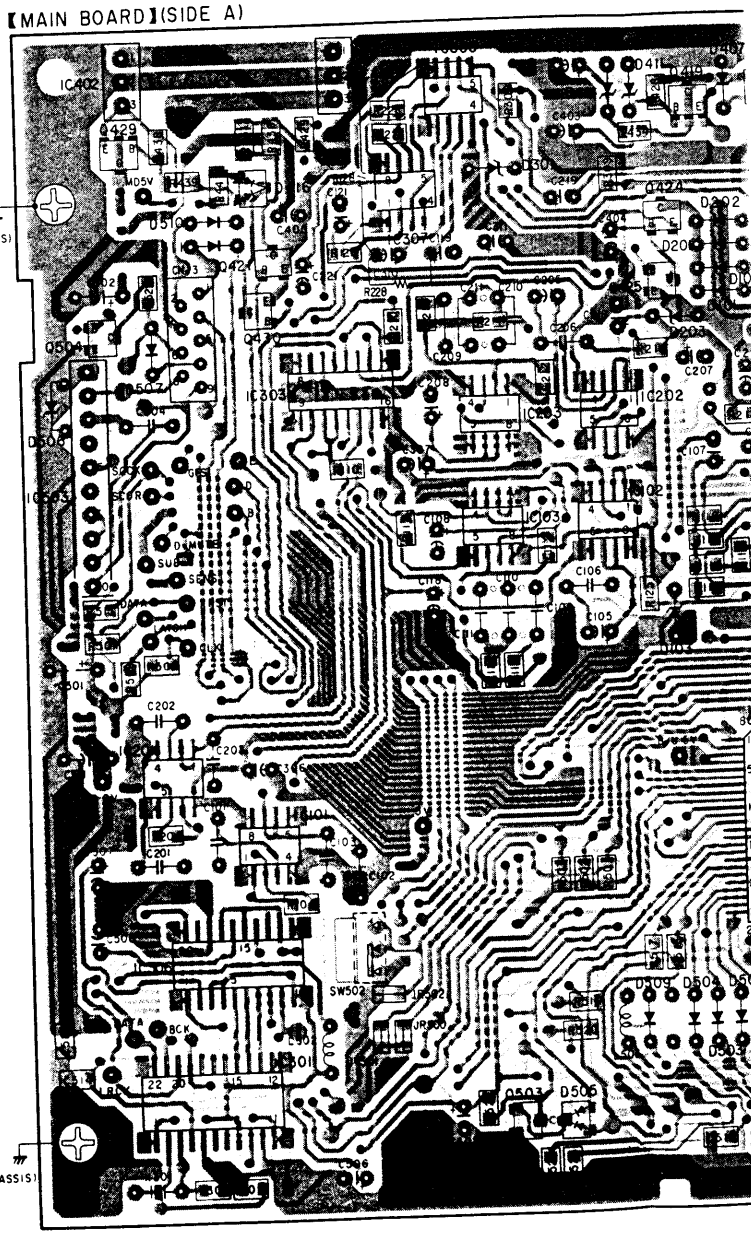

【DISPLAY BOARD】(SIDE A)



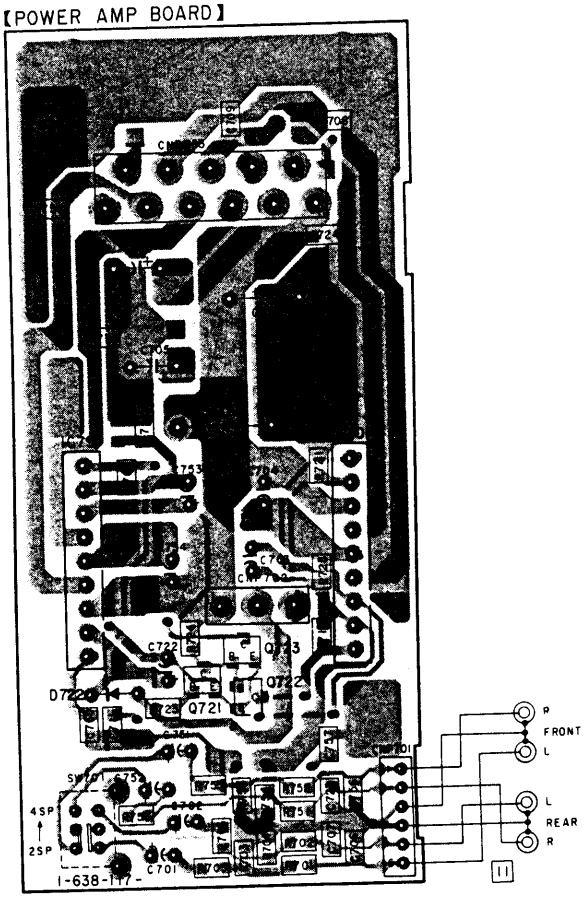
【CONNECTOR BOARD】



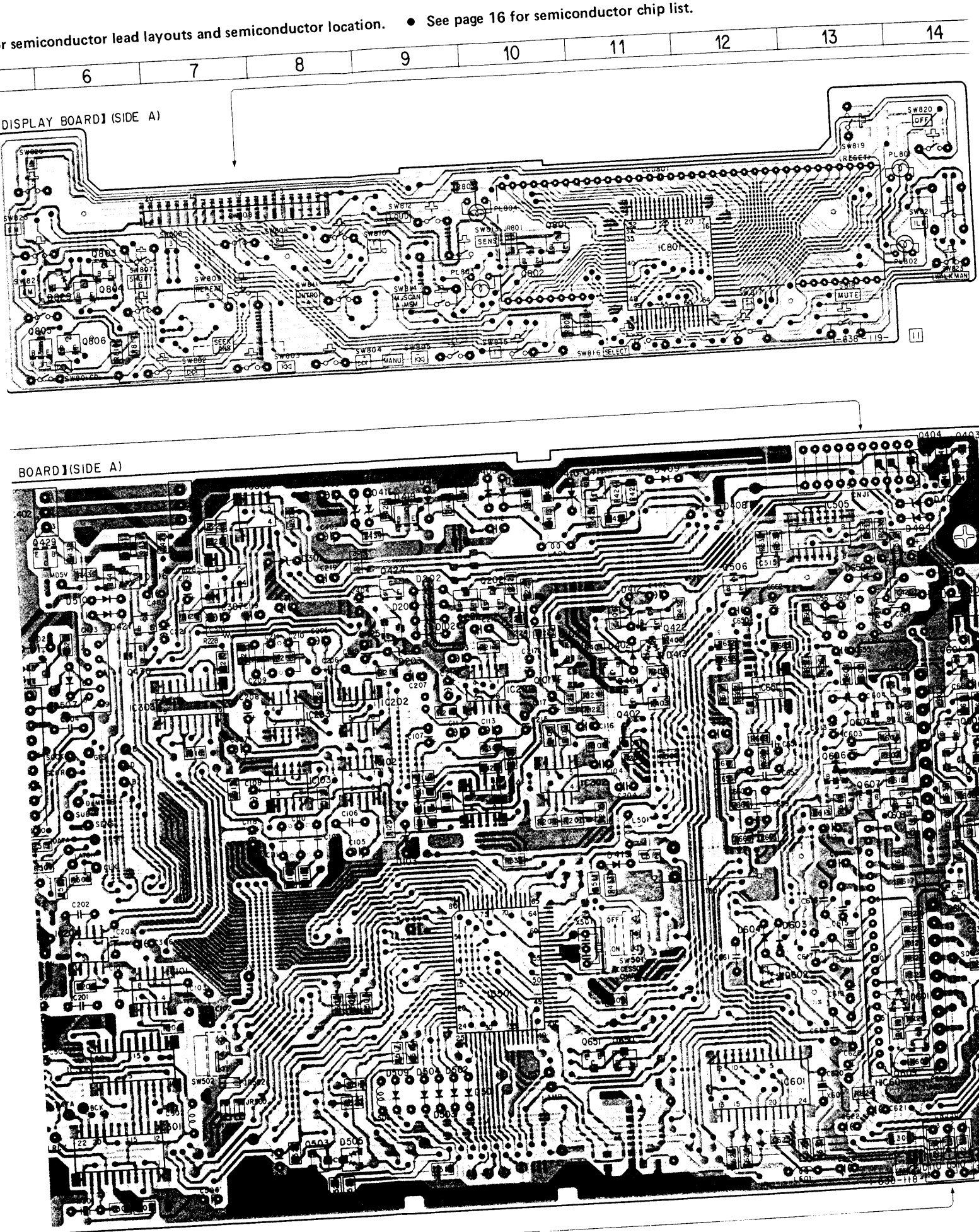

【MAIN BOARD】(SIDE A)




【POWER AMP BOARD】

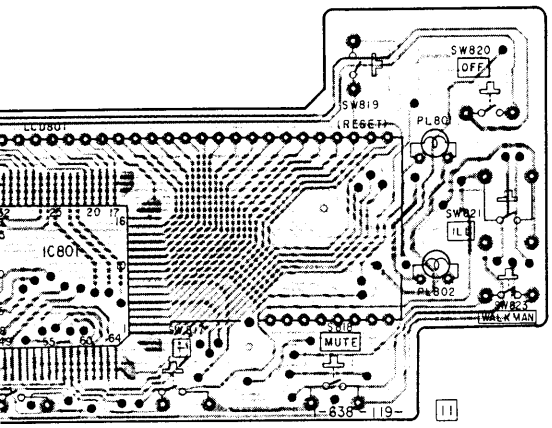


r semiconductor lead layouts and semiconductor location. ● See page 16 for semiconductor chip list.

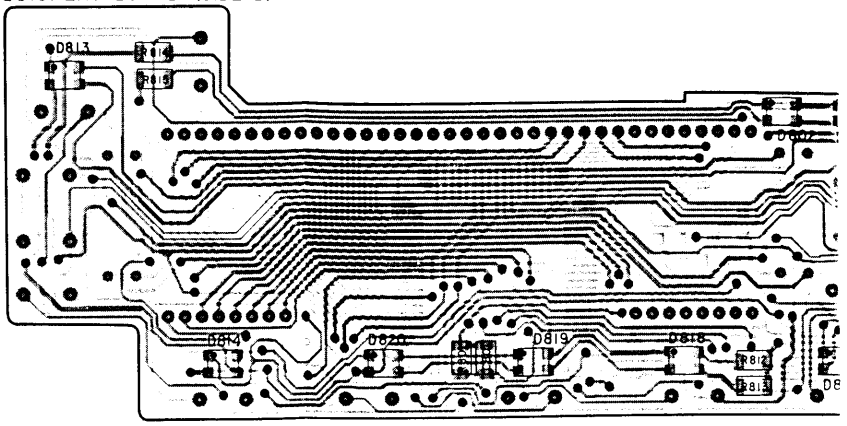


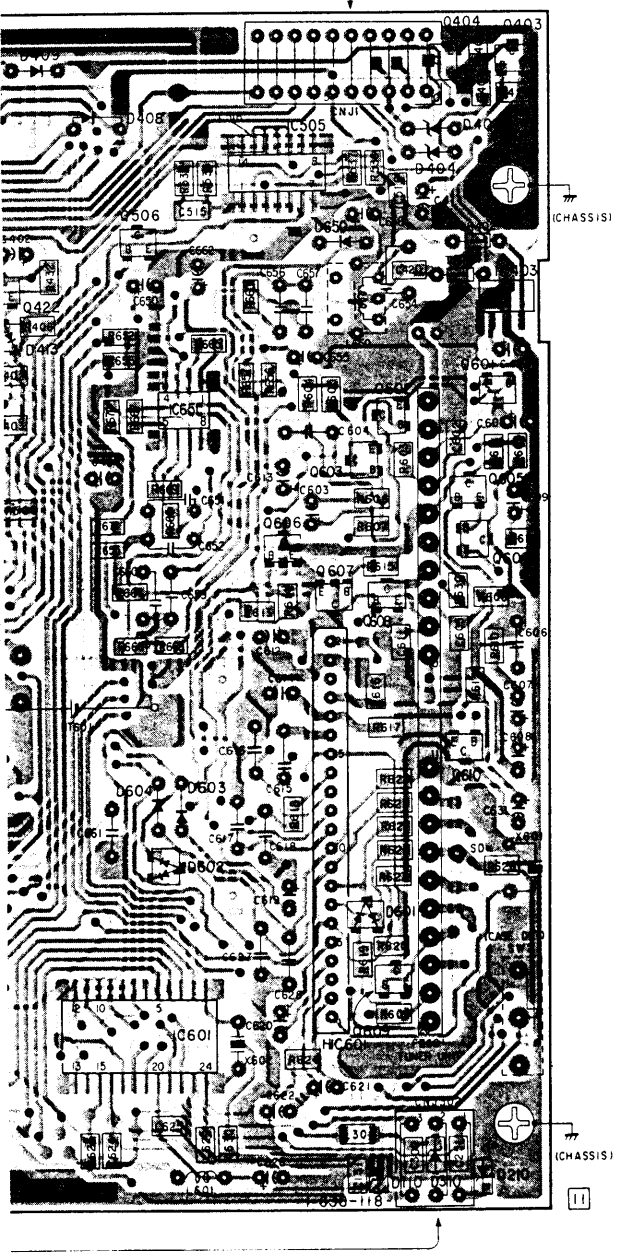
or chip list.

| 1 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
|---|---|---|---|---|---|---|---|---|---|

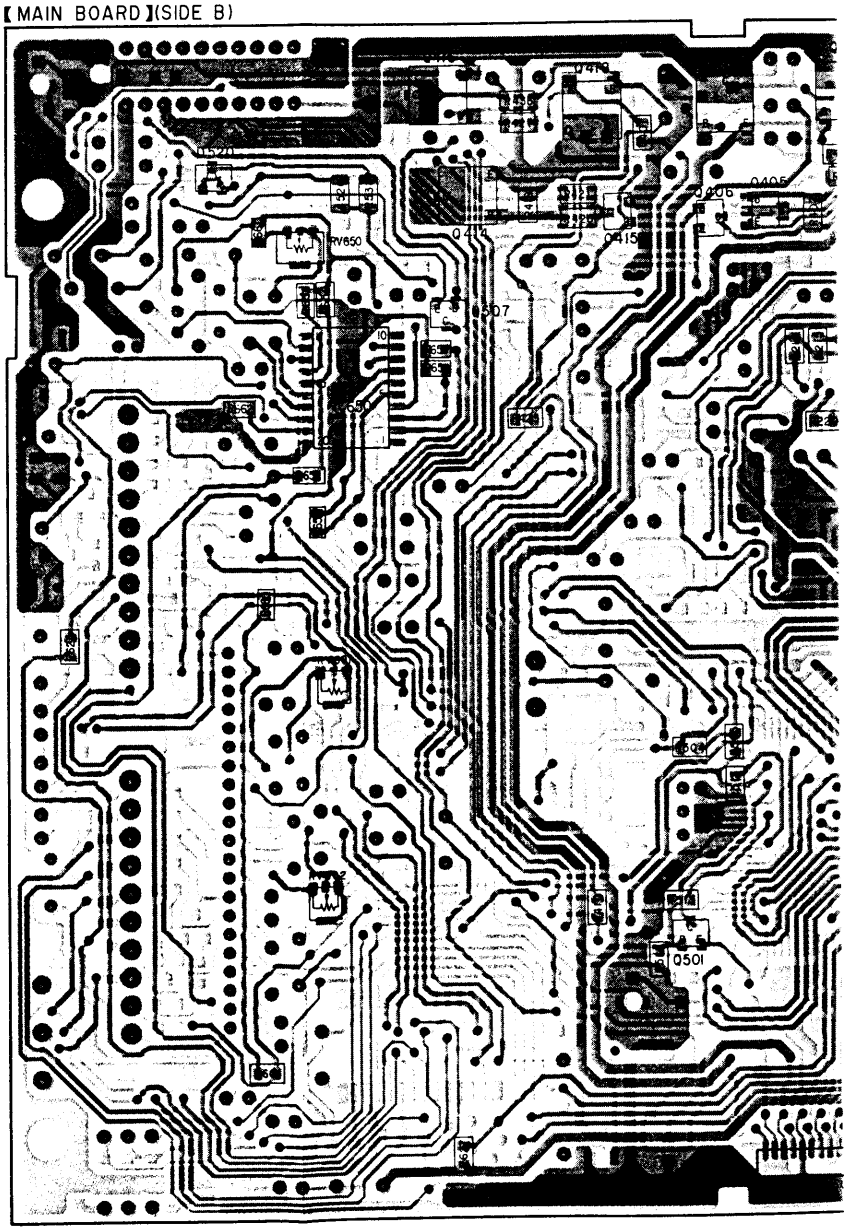



【DISPLAY BOARD】(SIDE B)



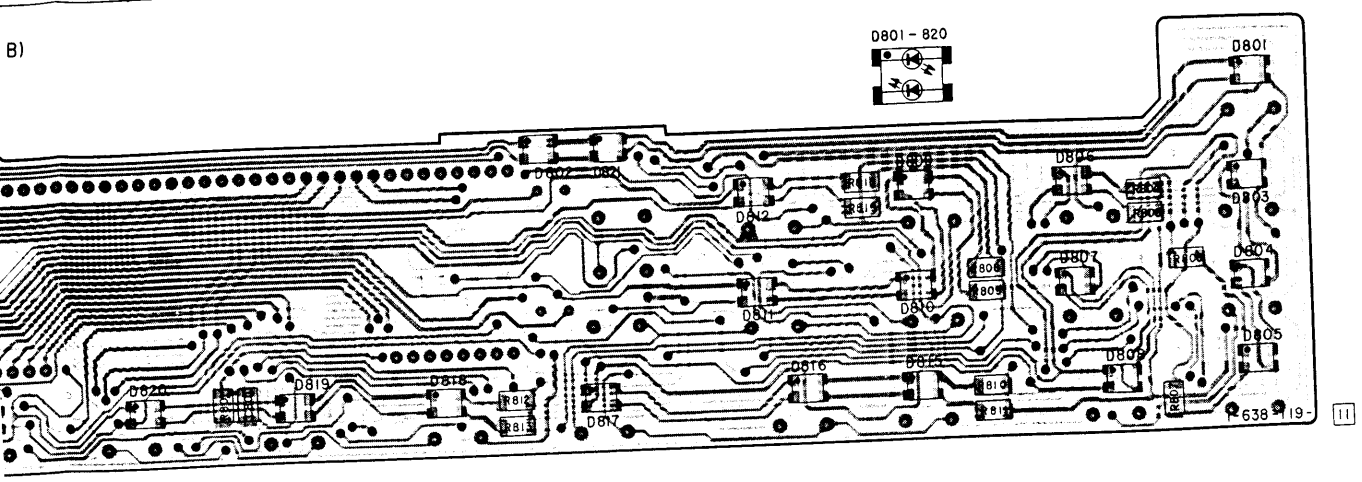



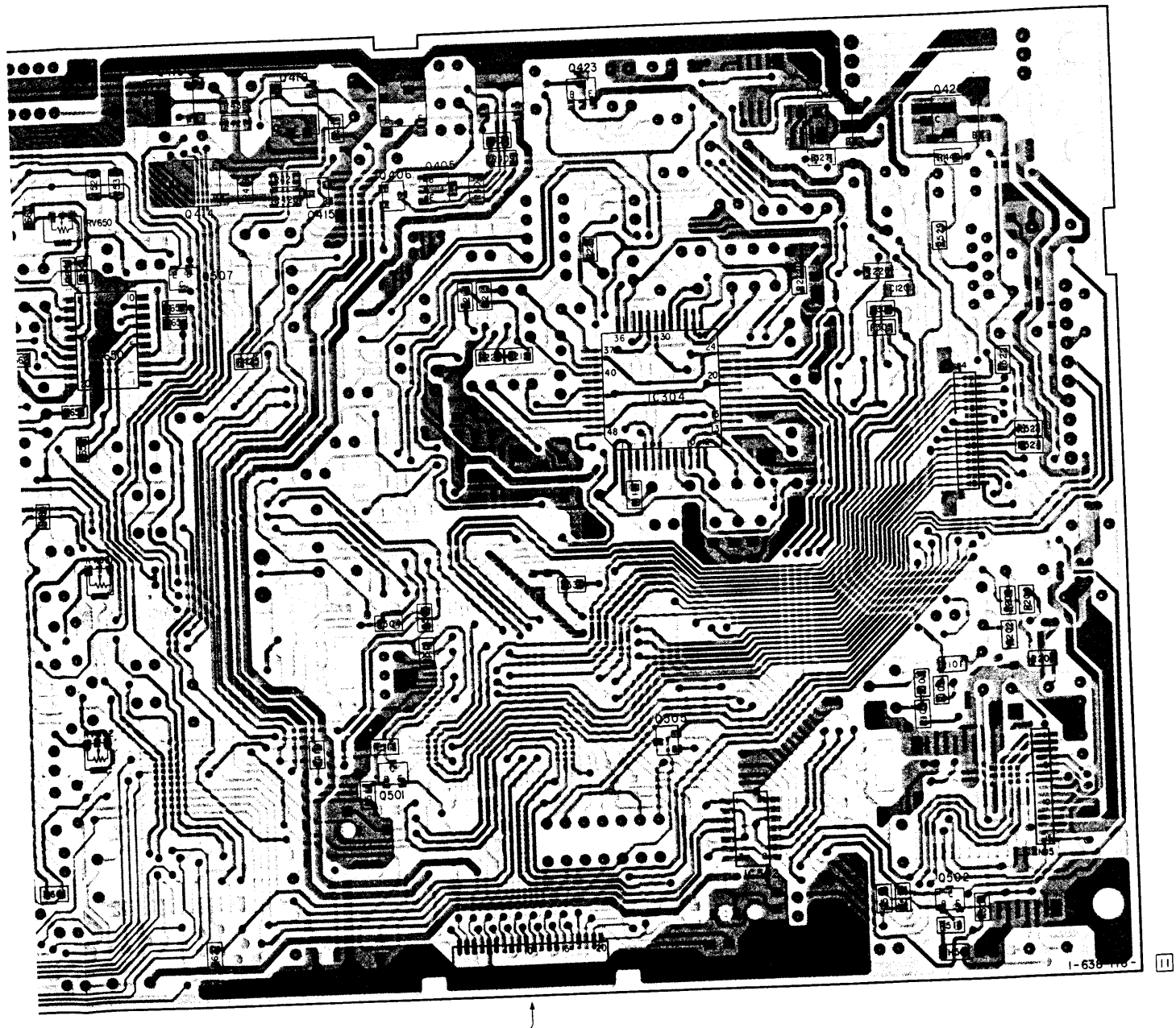

【MAIN BOARD】(SIDE B)



| 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
|---|---|---|---|---|---|---|---|---|

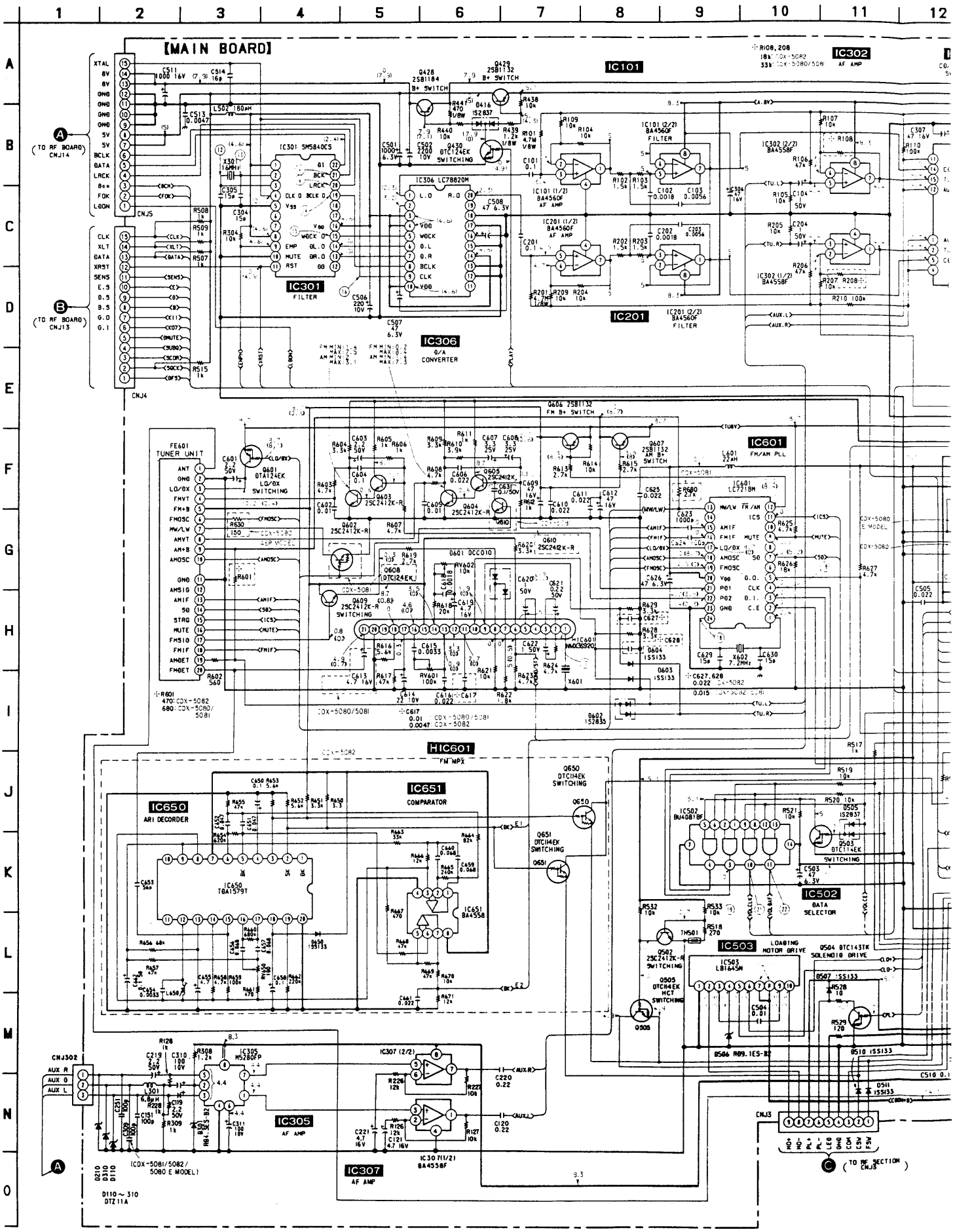
B)

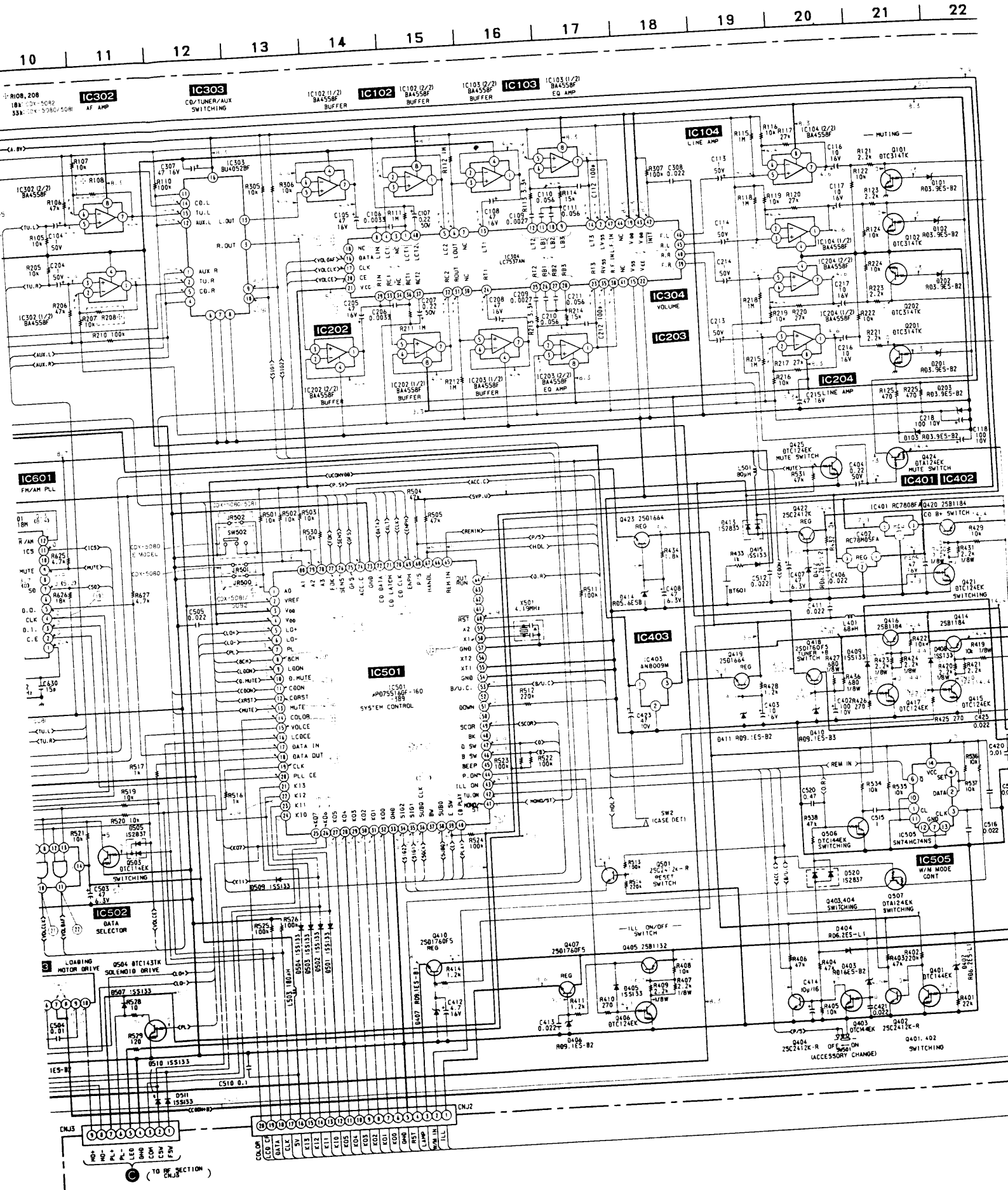


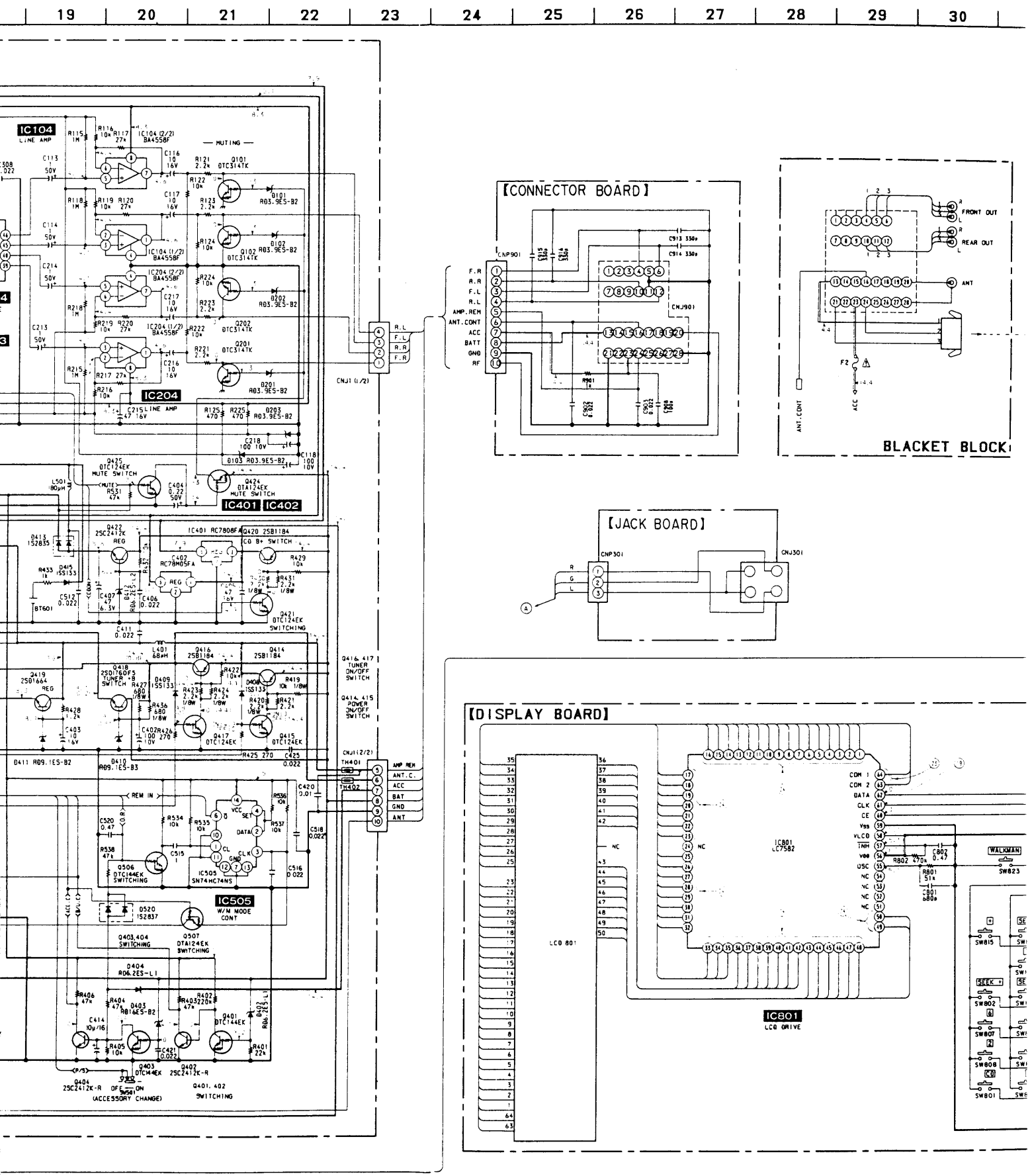



## 5-7. SCHEMATIC DIAGRAM (MAIN Section)

- See page 29 for IC BLOCK DIAGRAMS.
- See page 32 for WAVEFORMS.

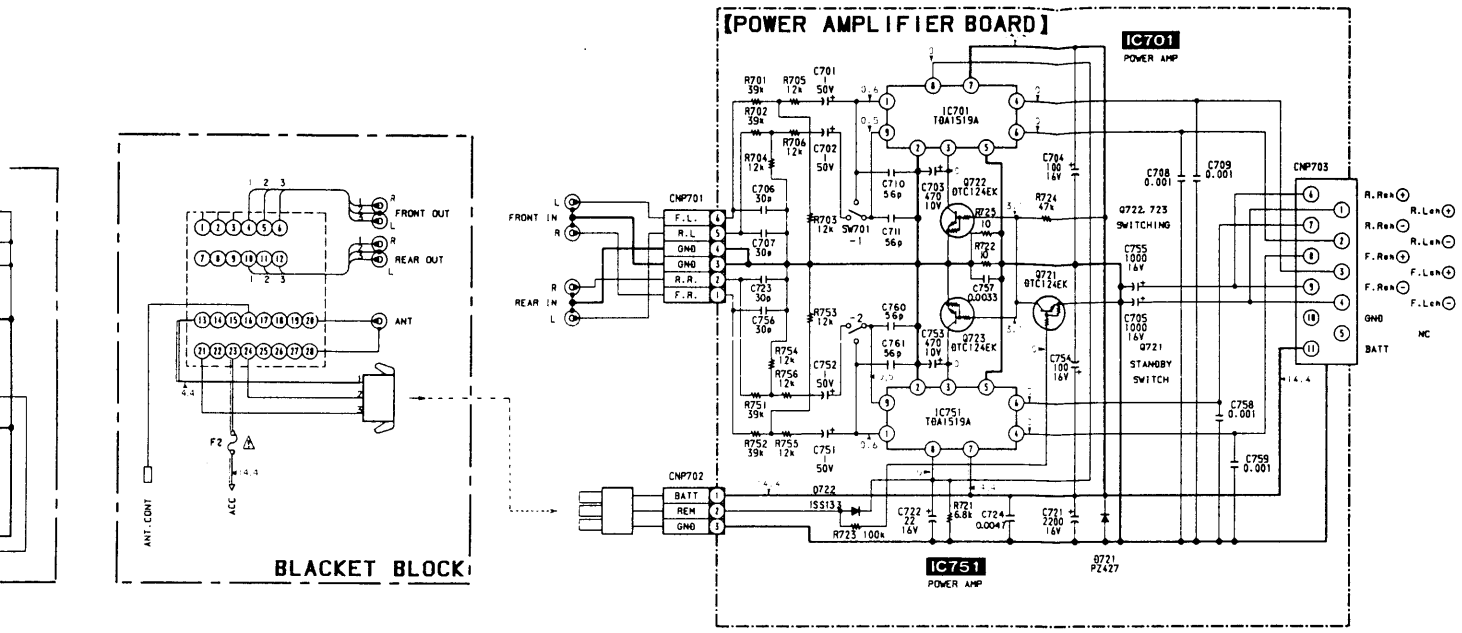


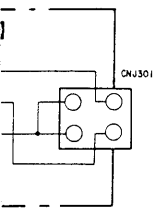

10
11
12
13
14
15
16
17
18
19
20
21
22
IC302
AF AMP
IC303
CD/TUNER/AUX SWITCHING
IC102
BUFFER
IC103
EQ AMP
IC104
LINE AMP
MUTING
IC304
VOLUME
IC202
BUFFER
IC203
EQ AMP
IC204
LINE AMP
IC601
FM/AM PLL
IC501
SYSTEM CONTROL
IC502
DATA SELECTOR
IC401 IC402
MUTE SWITCH
IC403
IC505
W/M MODE CONT
CNJ2
CNJ3
TO RF SECTION CNJ3
ILL ON/OFF SWITCH
REMOTE SENSOR
SW502
SW2 CASE DET
X501 4.19MHz
LOADING MOTOR DRIVE
SOLENOID DRIVE
—26—

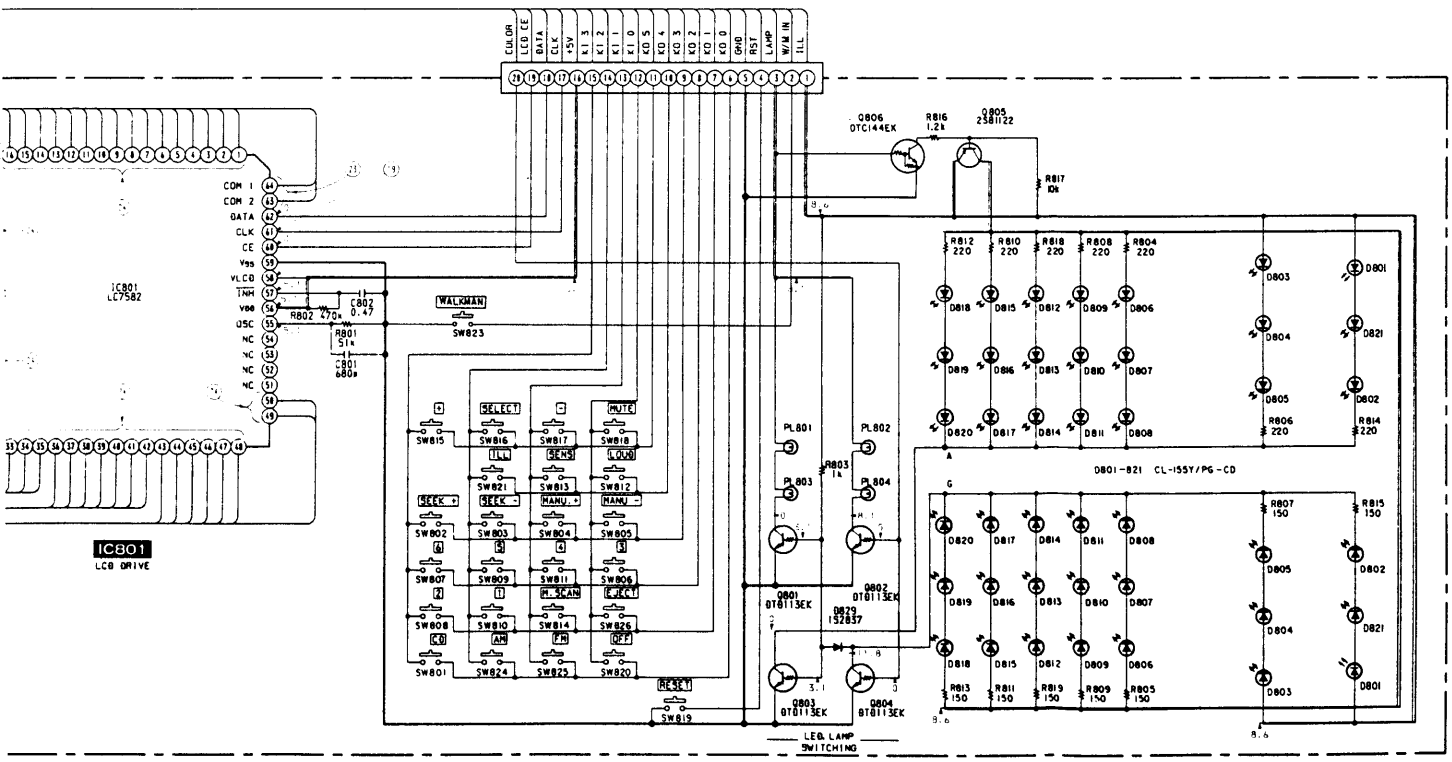


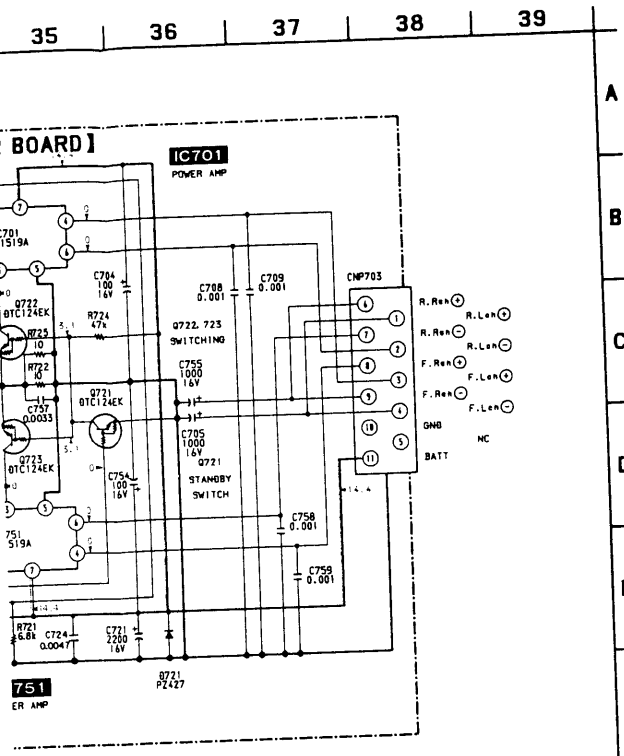


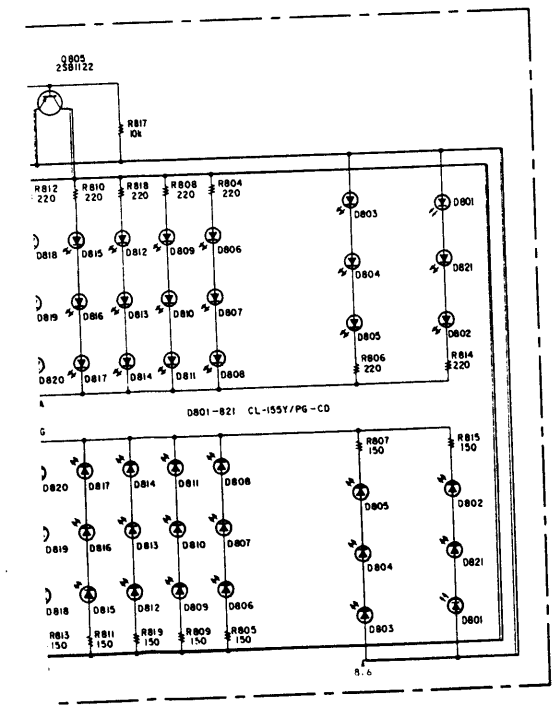
**For Service Manuals**
**MAURITRON SERVICES**
**8 Cherry Tree Road, Chinnor**
**Oxfordshire, OX9 4QY.**
**Tel (01844) 351694**
**Fax (01844) 352554**
email:- mauritron@dial.pipex.com


[POWER AMPLIFIER BOARD]
IC701
POWER AMP
IC751
POWER AMP
BLACKET BLOCK
FRONT OUT
REAR OUT
ANT
ANT.CONT
ACC
FRONT IN
REAR IN
CNP701
CNP702
CNP703
F.L.
R.L
GND
R.R.
F.R.
BATT
REM
GND
R.Ch+
R.Ch-
L.Ch+
L.Ch-
F.Ch+
F.Ch-
GND
BATT
NC
SWITCHING
STANDBY
SWITCH


CNJ301


IC801
LCD DRIVE
IC801
LC7582
WALKMAN
SW823
SELECT
MUTE
SEEK +
SEEK -
MANU +
MANU -
M.SCAN
EJECT
CD
AM
FM
OFF
RESET
SW819
PL801
PL802
PL803
PL804
D801-821 CL-155Y/PG-CD
LED LAMP SWITCHING



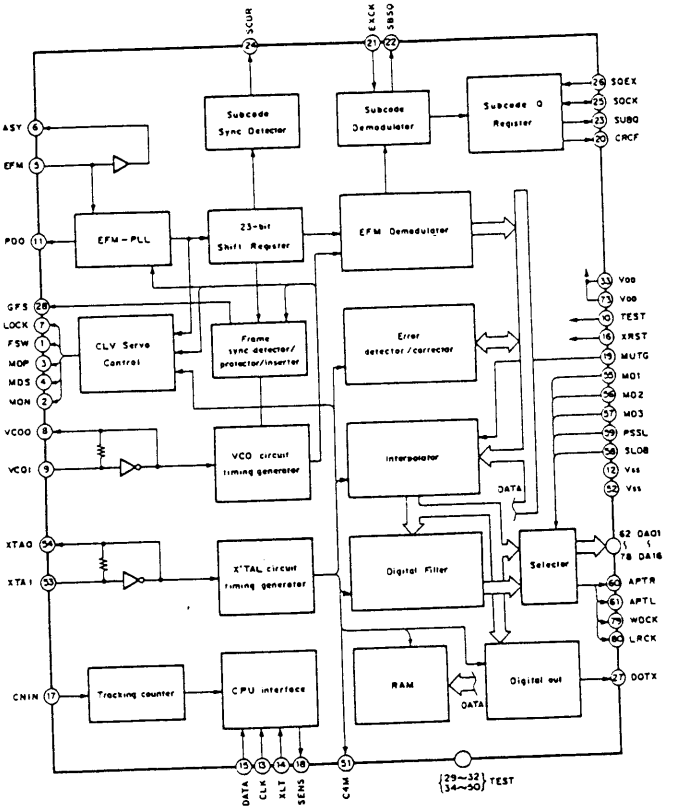




**Note: (Main SECTION)**

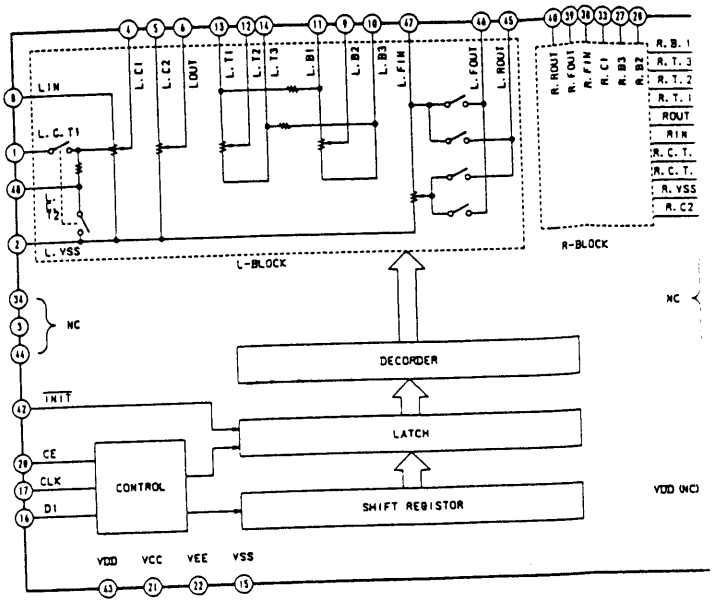
- All capacitors are in μF unless otherwise noted. pF: μμF 50WV or less are not indicated except for electrolytics and tantaiums.
- All resistors are in Ω and 1/10W or less unless otherwise specified.
- △ : internal component.
- ——— : B+ lines.
- Power voltage is dc 14.4V dc and fed with regulated dc power supply from external power voltage jack.
- Voltage and waveforms are dc with respect to ground under no signal conditions.
  no mark : FM
  ( ) : CD PLAY
  〈 〉 : AM
- Voltages are taken with a VOM. (input impedance 10 MΩ) Voltage variations may be noted due to normal production tolerances.
- Waveforms are taken with a oscilloscope. Voltage variations may be noted due to normal production tolerances.
- Circled numbers refer to waveforms.
- Signal path.
  ⇨ : FM
  ⇨ : CD
  ⇨ : AUX

## 5-8. IC BLOCK DIAGRAM

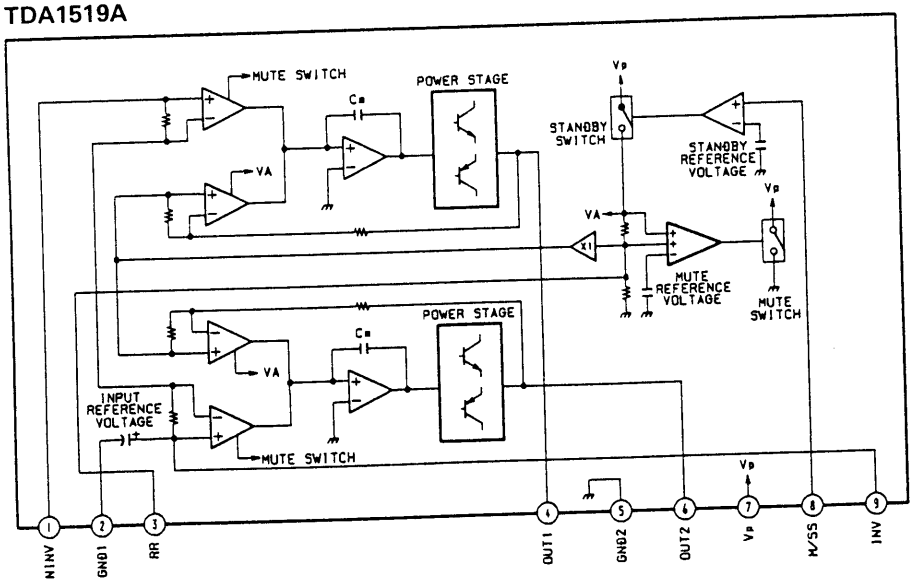
- IC3
CXD1167Q



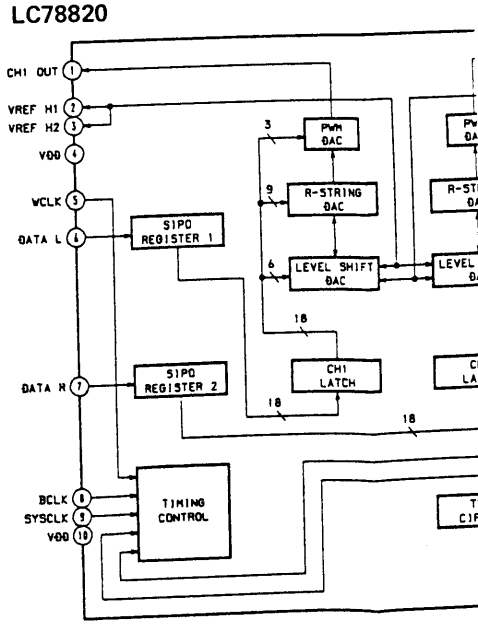

- IC304
LC7537AN

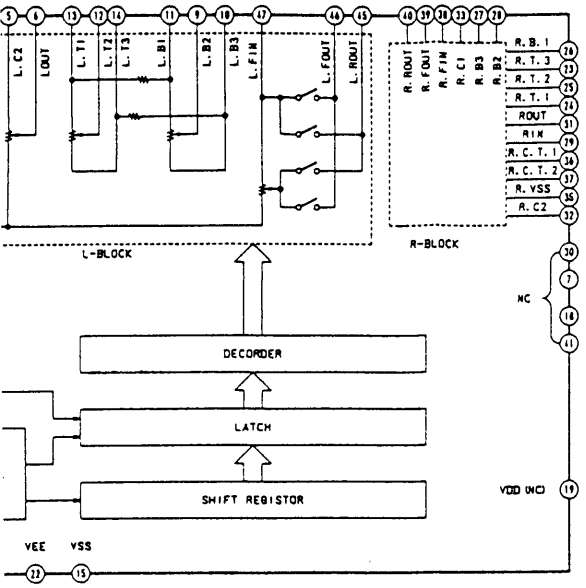



- IC701, 751
TDA1519A

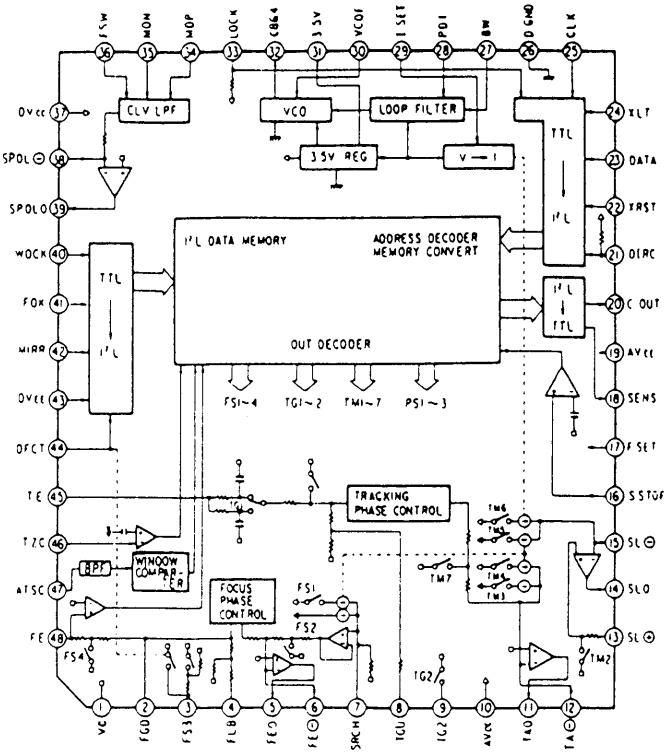



- IC306
LC78820

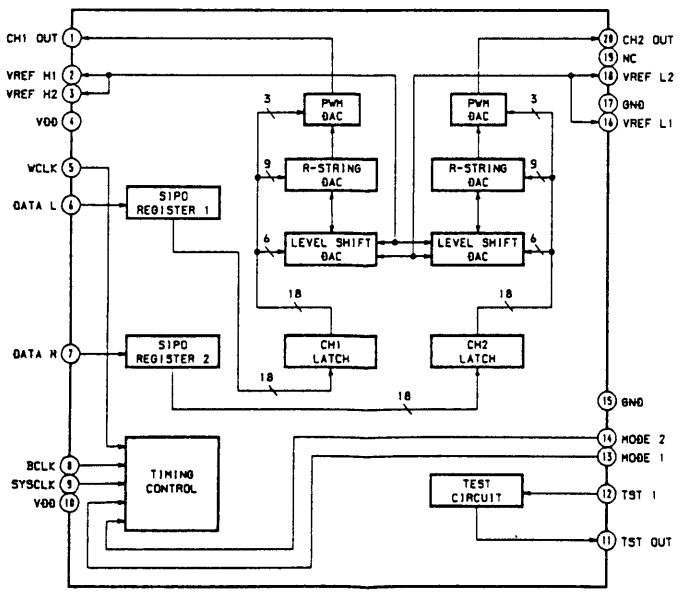




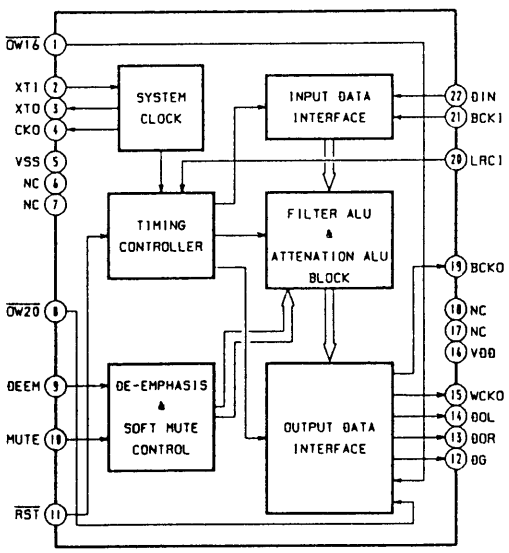

● IC2
CXA1082BQ




● IC306
LC78820

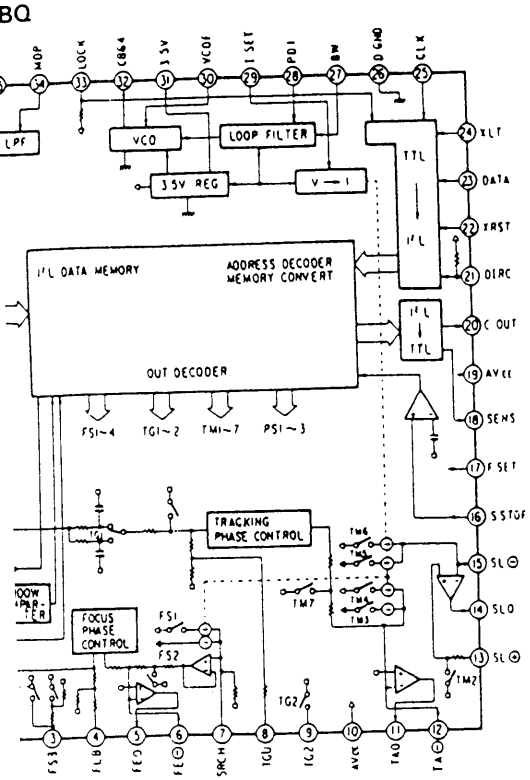



● IC301
SM5840CS



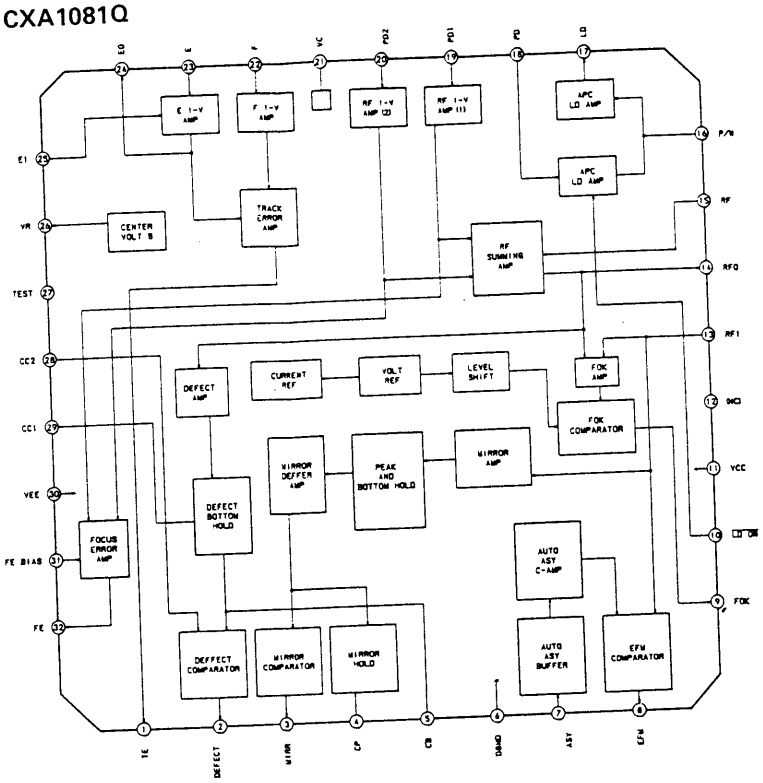

● IC
LB1

BQ




● IC1

CXA1081Q

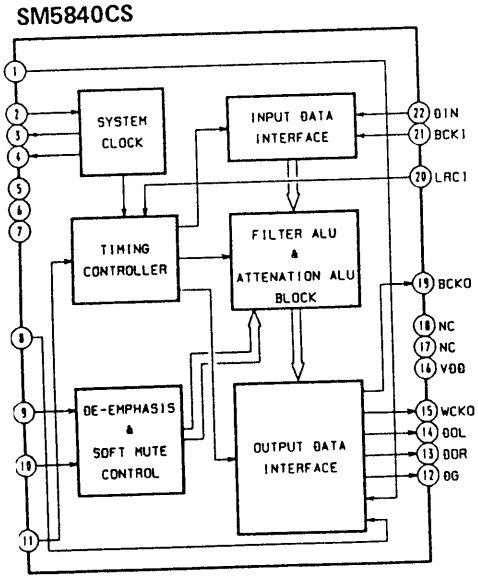



C-SV-IC-CXA1081Q

0.5 FOR A4

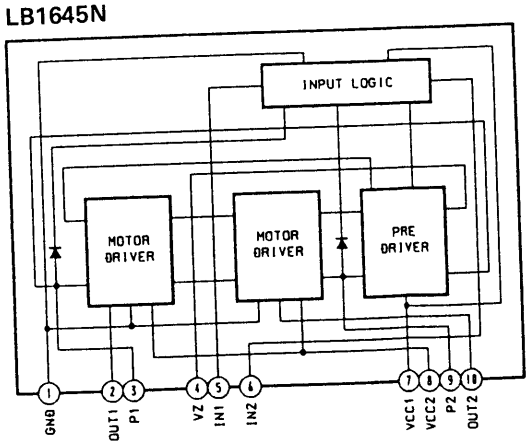
● IC301

SM5840CS



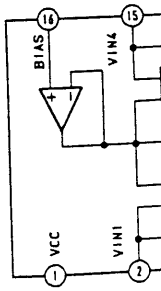

● IC503

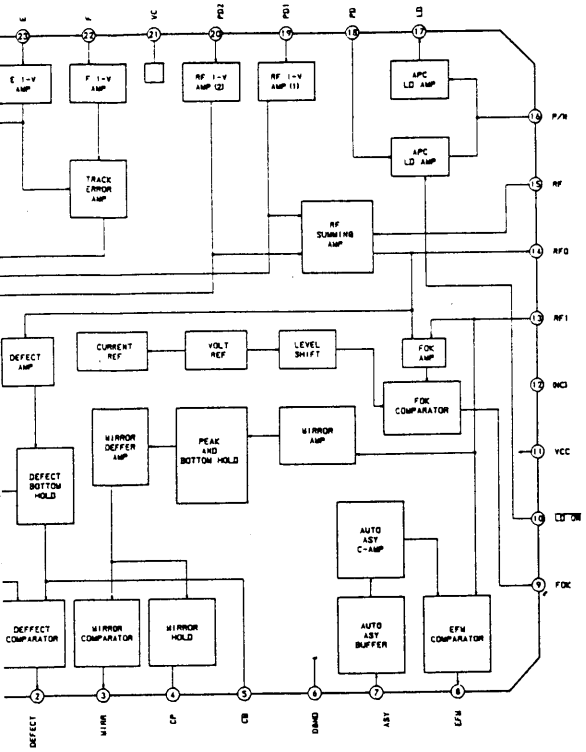
LB1645N




● IC4.5

LA6533



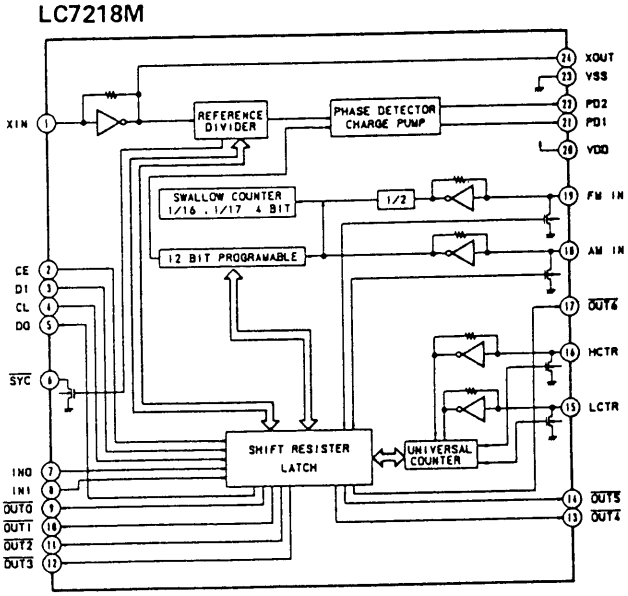



C-SV-IC-CXA1081Q

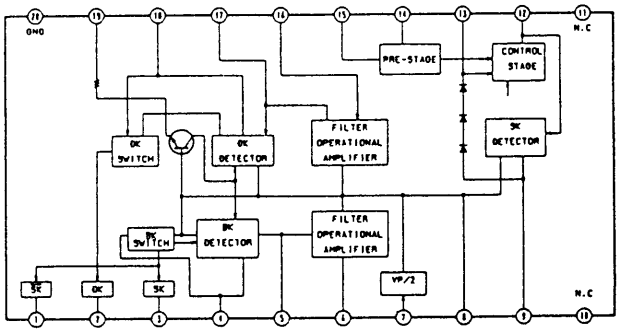
0.5 FOR A4

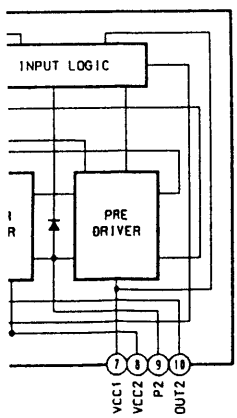
● IC601

LC7218M



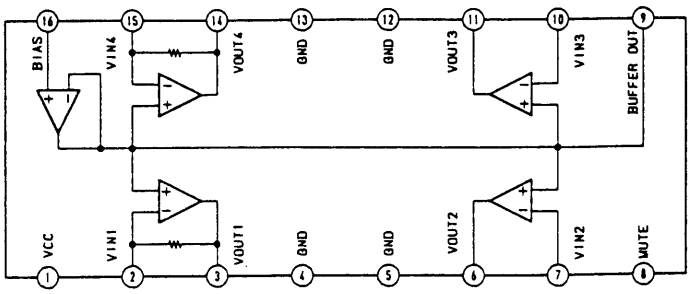

● IC650 TDA1579T



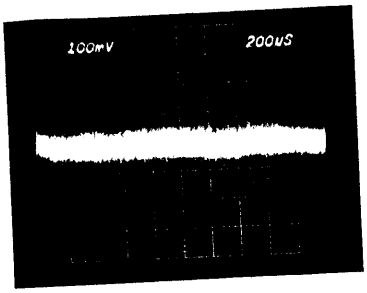

● IC4.5

LA6533

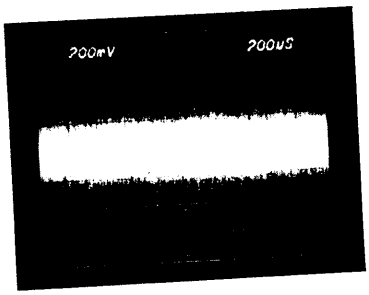


## 5-9. WAVEFORMS

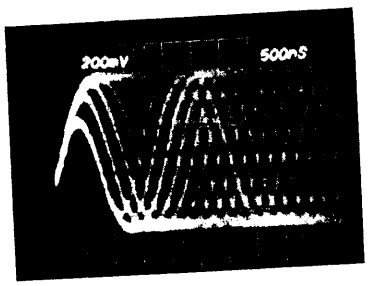
①



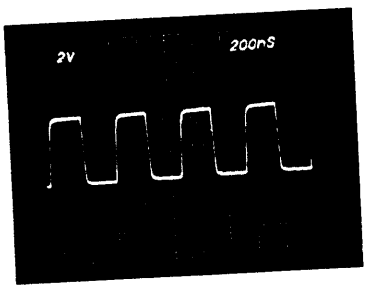

②



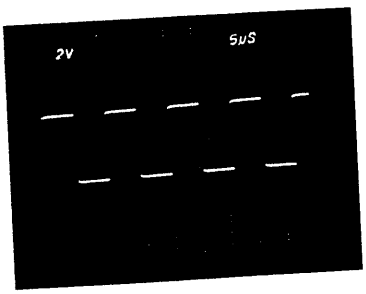

③



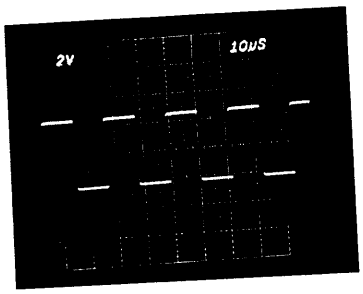

④



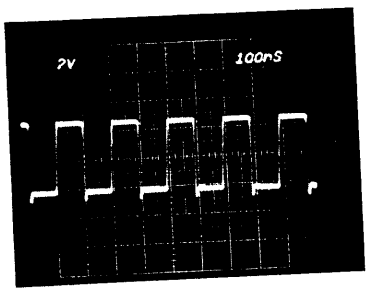

⑤



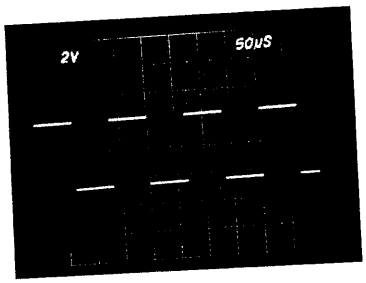

⑥



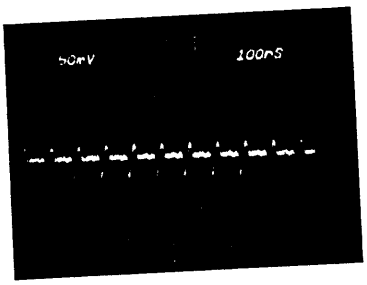

⑦



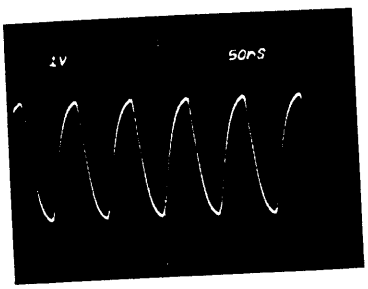

⑧



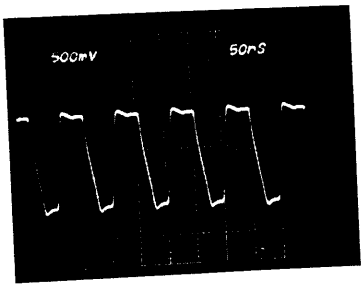

⑨



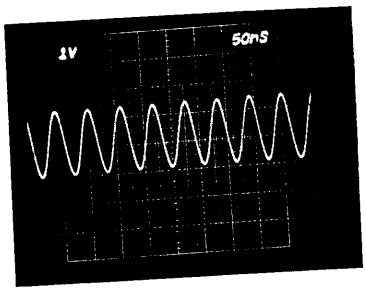

⑩



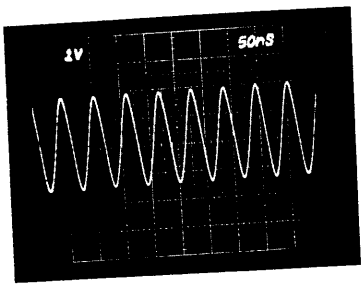

⑪



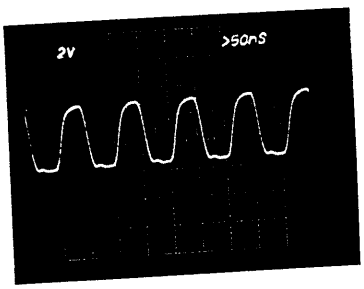

⑫



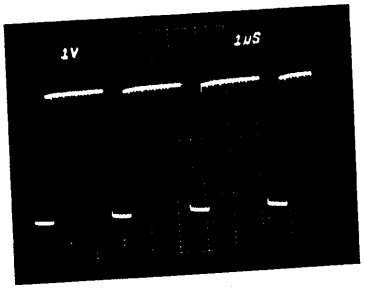

⑬



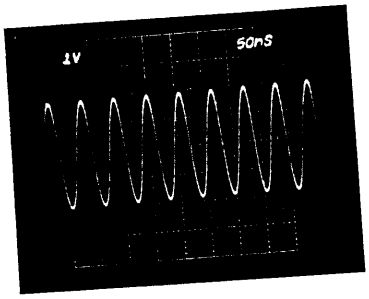

⑭



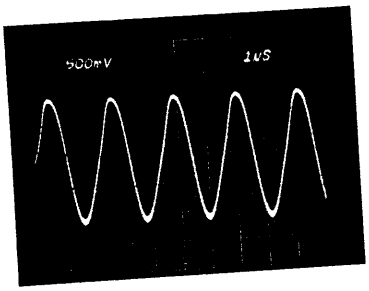

⑮



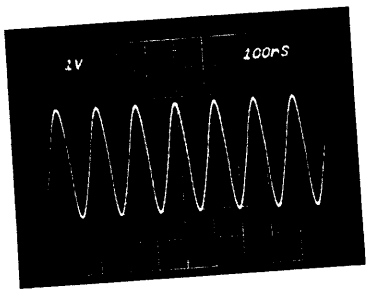
⑯



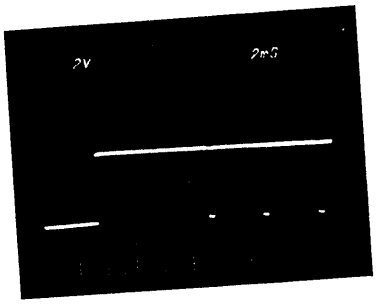

⑰



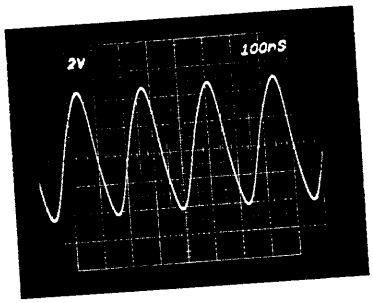

⑱



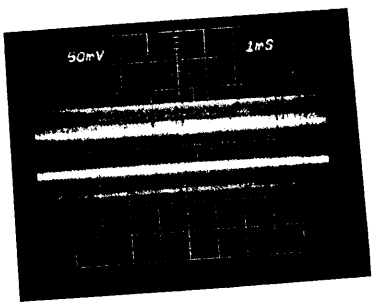

⑲



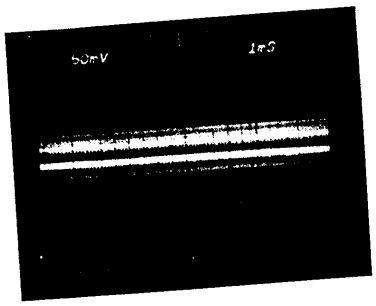

⑳



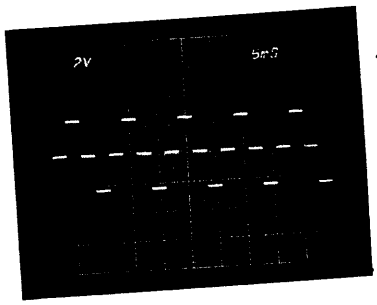

㉑



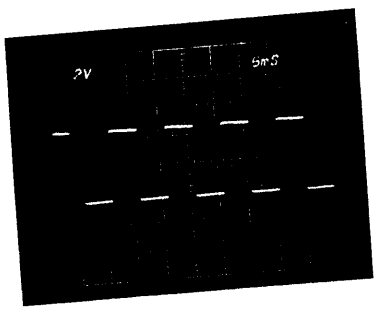

㉒




㉓




㉔




For Service Manuals
MAURITRON SERVICES
8 Cherry Tree Road, Chinnor
Oxfordshire, OX9 4QY.
Tel (01844) 351694
Fax (01844) 352554
email:- mauritron@dial.pipex.com

# SECTION 6
# EXPLODED VIEWS

**NOTE:**

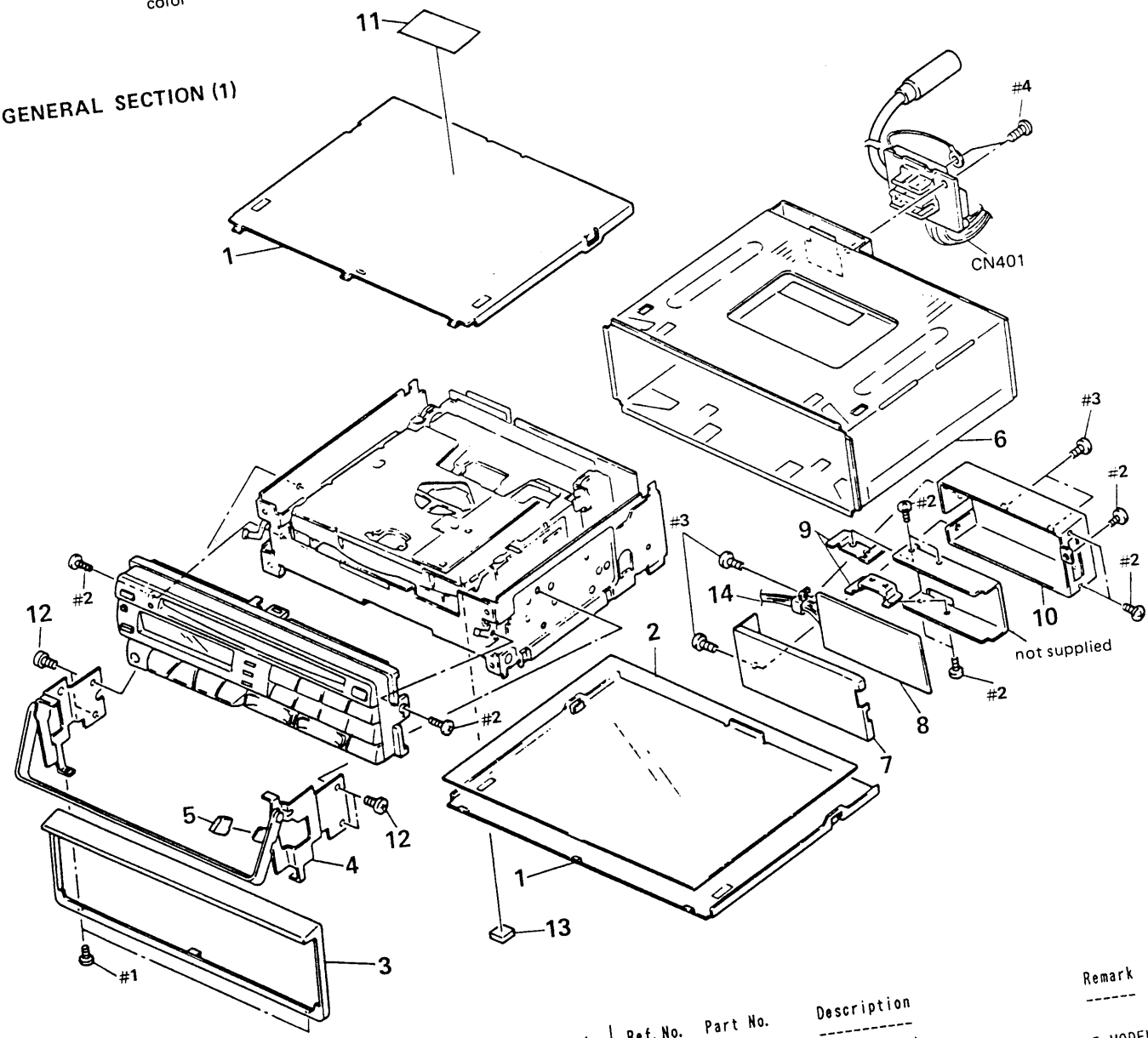
- –XX, –X mean standardized parts, so they may have some differences from the original one.
- Color Indication of Appearance Parts

  Example:
  KNOB, BALANCE (WHITE) . . . (RED)
  ↑ Parts color ↑ Cabinet's color

- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.
- Hardware (# mark) list is given in the last of this parts list.

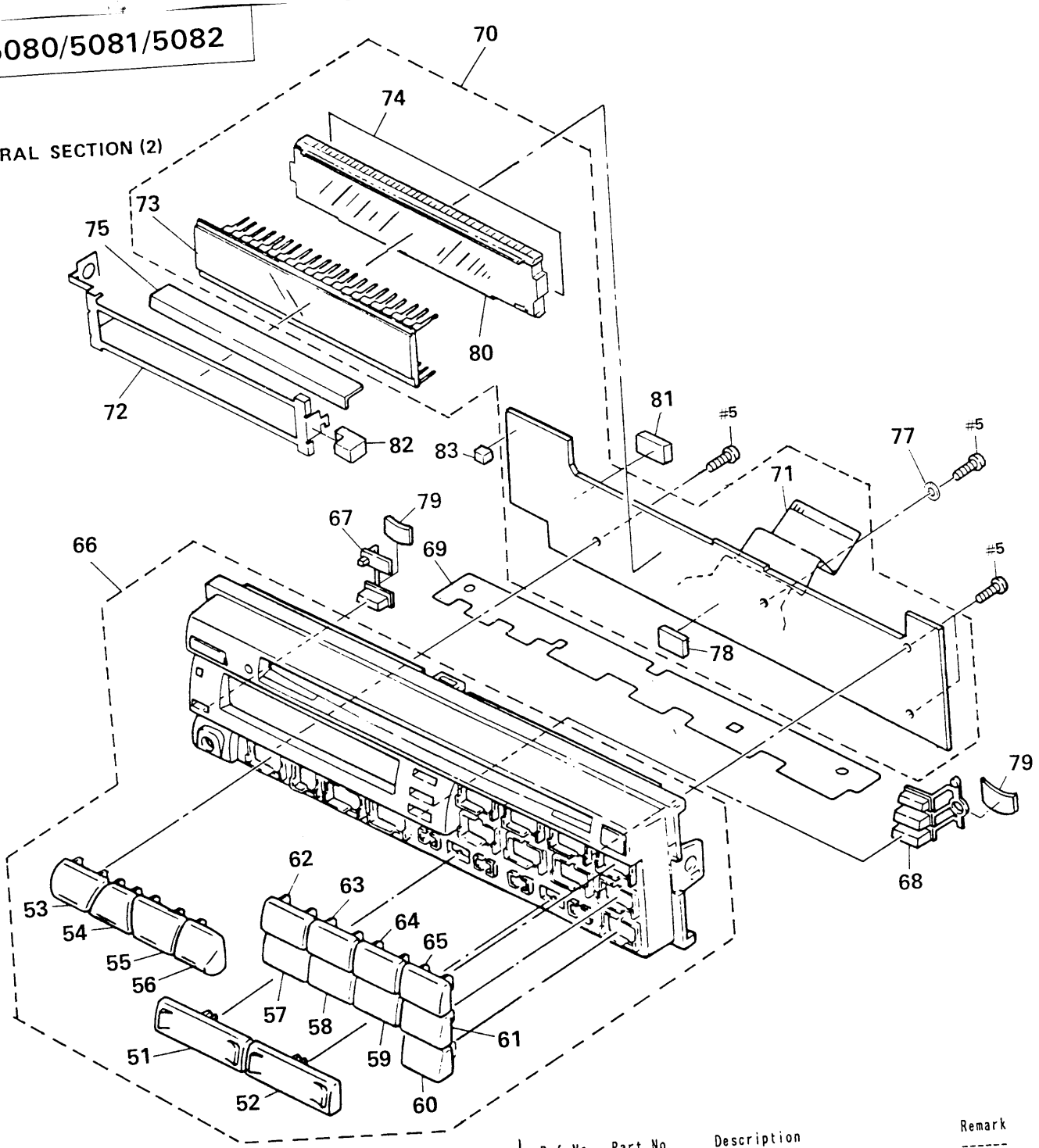
The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

## 1. GENERAL SECTION (1)




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 1 | * 3-355-249-01 | COVER | |
| 2 | * 3-355-254-01 | SHEET, INSULATING | |
| 3 | 3-344-564-01 | FRAME, ORNAMENTAL | |
| 4 | X-3344-508-1 | HANDLE ASSY | |
| 5 | 3-344-526-02 | BUTTON (RELEASE) | |
| 6 | * X-3339-431-2 | BRACKET ASSY | |
| 7 | * 3-355-243-01 | CASE (UPPER) | |
| 8 | * A-3273-308-A | MOUNTED PCB, POWER AMP | |
| 9 | * 3-355-253-01 | BRACKET | |
| 10 | * 3-355-244-01 | CASE (LOWER) | |
| 11 | * 3-366-003-01 | LABEL, MODEL NUMBER (CDX-5080 E MODEL | |
| | * 3-366-004-01 | LABEL, MODEL NUMBER (CDX-5080 AEP MO | |
| | * 3-366-005-01 | LABEL, MODEL NUMBER (CDX-5081) | |
| | * 3-366-006-01 | LABEL, MODEL NUMBER (CDX-5082) | |
| 12 | 3-344-561-01 | SCREW (M4X5) | |
| 13 | 9-911-841-XX | CUSHION, CASSETTE LID | |
| CN401 | 1-590-765-11 | CORD (WITH CONNECTOR) F2 | |
| F2 | ⚠ 1-532-414-11 | FUSE 1.0A | |

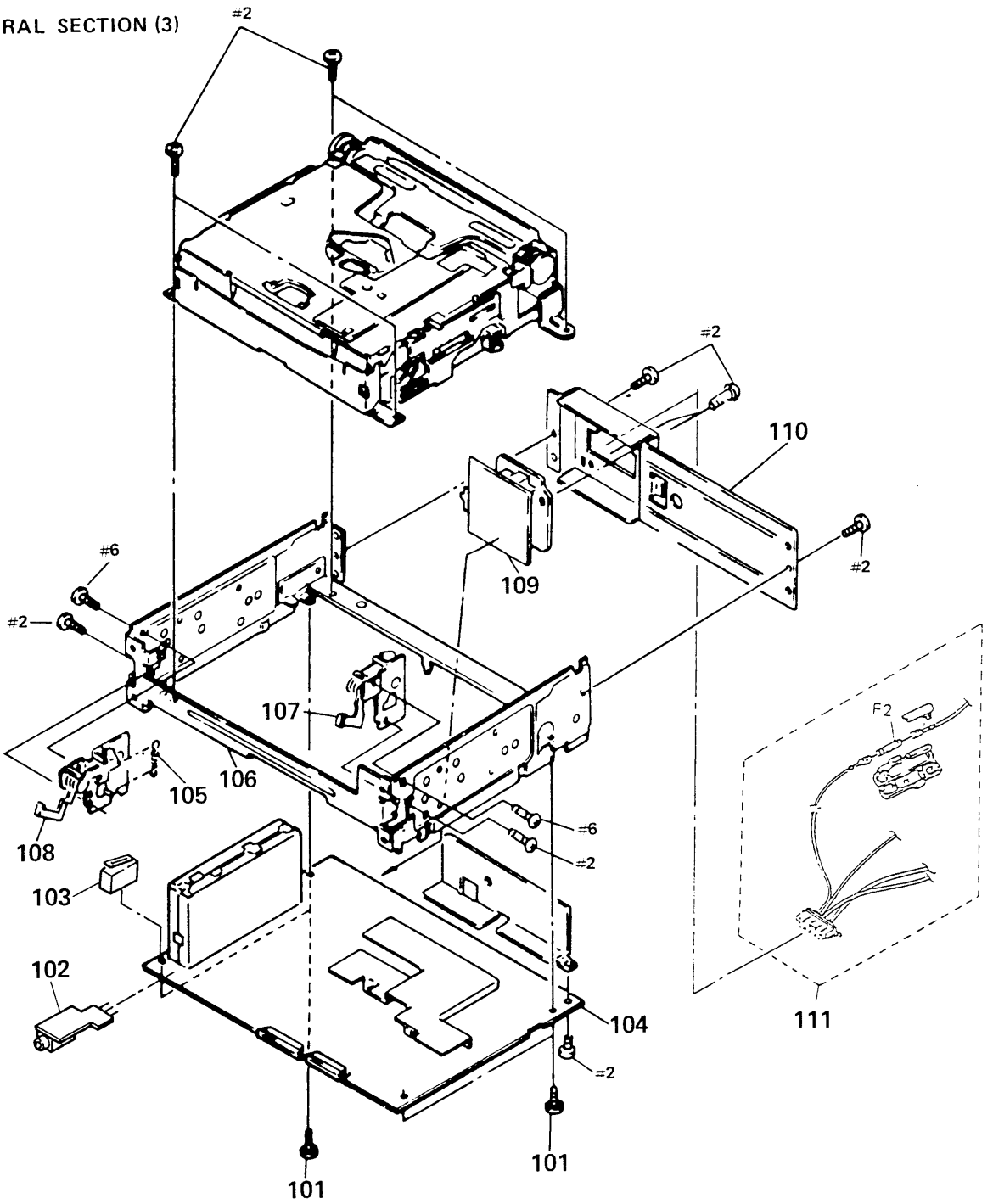
## 2. GENERAL SECTION (2)




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 51 | 3-365-989-01 | BUTTON (MANU) | |
| 52 | 3-365-990-01 | BUTTON (SEEK) | |
| 53 | 3-365-984-01 | BUTTON (CDX-5080/5081) | |
| | 3-365-984-11 | BUTTON (MUTE) (CDX-5082) | |
| 54 | 3-355-256-01 | BUTTON (LEVEL -) | |
| 55 | 3-355-257-01 | BUTTON (SELECT) | |
| 56 | 3-365-985-01 | BUTTON (LEVEL +) | |
| 57 | 3-365-986-31 | BUTTON (PRESET) (4) | |
| 58 | 3-365-986-41 | BUTTON (PRESET) (5) | |
| 59 | 3-365-986-51 | BUTTON (PRESET) (6) | |
| 60 | 3-365-988-01 | BUTTON (N1, RD) CD | |
| 61 | 3-365-987-01 | BUTTON (N1, W) AM | |
| 62 | 3-365-986-01 | BUTTON (PRESET) (1) | |
| 63 | 3-365-986-11 | BUTTON (PRESET) (2) | |
| 64 | 3-365-986-21 | BUTTON (PRESET) (3) | |
| 65 | 3-365-987-11 | BUTTON (N1, W) FM | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 66 | X-3362-610-1 | PANEL ASSY, FRONT (CDX-5080) | |
| | X-3362-612-1 | PANEL ASSY, FRONT (CDX-5081) | |
| | X-3362-613-1 | PANEL ASSY, FRONT (CDX-5082) | |
| 67 | 3-365-995-01 | BUTTON (WM) (CDX-5080/5081) | |
| | 3-365-995-11 | BUTTON (WM) (CDX-5082) | |
| 68 | 3-365-996-01 | BUTTON (MSL) | |
| 69 | * 3-365-993-01 | PLATE (BUTTON), SHIELD | |
| 70 | * A-3222-211-A | DISPLAY BOARD, COMPLETE (CDX-5080 E MODE AEP MODEL/5081) | |
| | * A-3222-222-A | DISPLAY BOARD, COMPLETE (CDX-5082) | |
| 71 | 1-638-128-11 | (E) FLEXIBLE BOARD | |
| 72 | * 3-365-994-01 | PLATE (LCD), GROUND | |
| 73 | 1-808-983-11 | DISPLAY PANEL, LIQUID CRYSTAL (LCD801) | |
| 74 | 3-345-373-01 | SHEET (DIFFUSION) | |
| 75 | * 3-360-109-01 | SHEET (LCD) | |
| 77 | * 3-360-121-11 | SPACER (W) | |
| 78 | * 3-332-539-01 | SPACER REBER | |
| 79 | 3-831-441- | SPACER C | |
| 80 | * X-3362-646-1 | LCD HOLDER ASSY | |
| 81 | 9-911-841-99 | SP CUSHION | |
| 82 | 9-911-839-99 | CUSHION (LCD) | |
| 83 | 9-911-841-XX | CUSHION | |

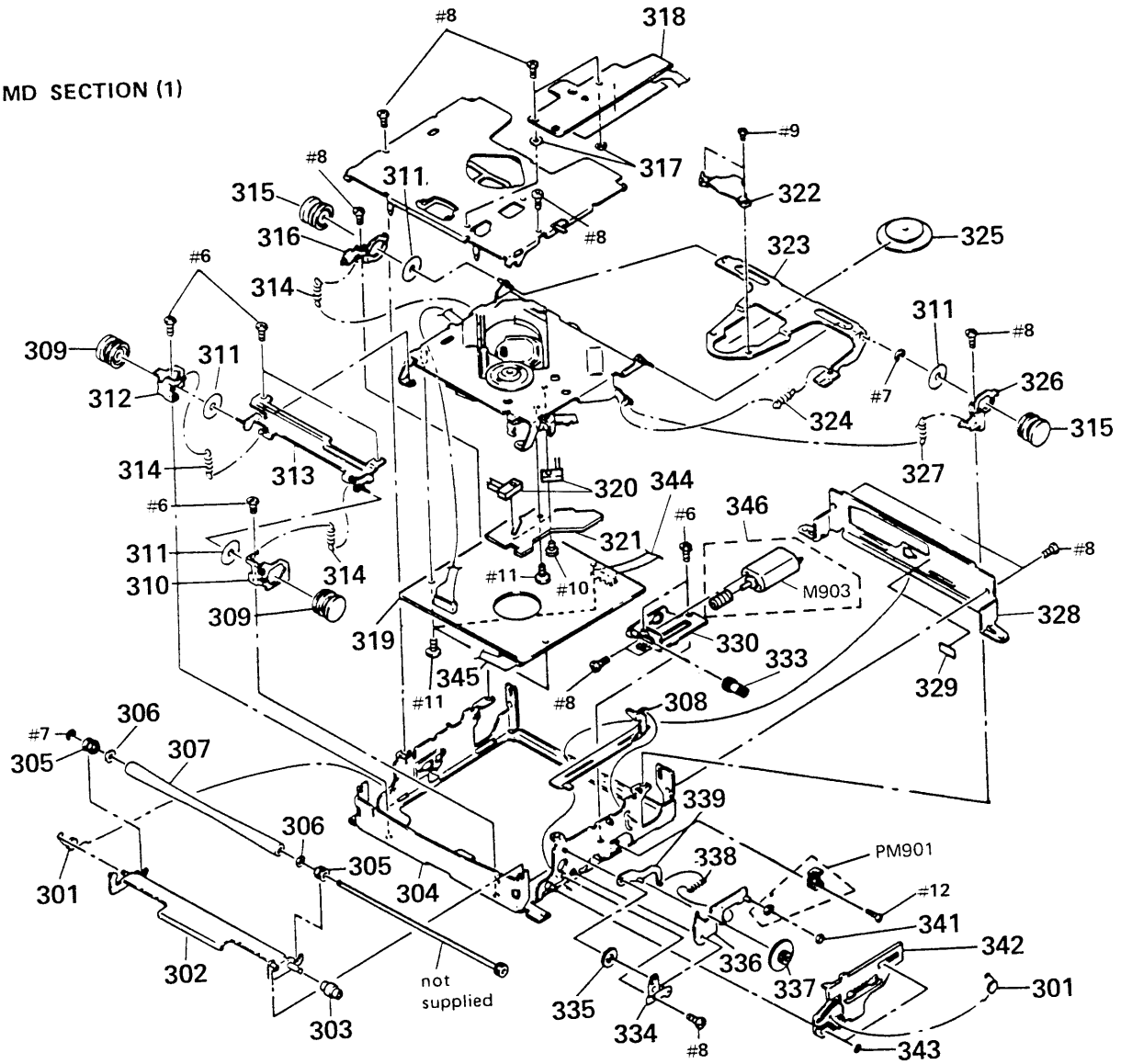
## 3. GENERAL SECTION (3)




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 101 | 3-344-501-11 | SCREW (+ PTT 3X8), GROUND POINT | |
| 102 | * 1-638-122-11 | JACK BOARD | |
| 103 | 1-570-504-11 | SWITCH, MICRO (SW1) | |
| 104 | A-3222-225-A | MAIN BOARD, COMPLETE (CDX-5080 E MODEL) | |
| | A-3222-224-A | MAIN BOARD, COMPLETE (CDX-5080 AEP MODEL) | |
| | A-3222-223-A | MAIN BOARD, COMPLETE (CDX-5081) | |
| | A-3222-221-A | MAIN BOARD, COMPLETE (CDX-5082) | |
| 105 | 3-645-189-00 | SPRING, TENSION | |
| 106 | * X-3362-608-1 | CHASSIS ASSY | |
| 107 | X-3344-503-1 | LOCK ASSY (R) | |
| 108 | X-3362-611-1 | LOCK ASSY (L) | |
| 109 | 1-638-121-11 | CONNECTOR 2 BOARD | |
| 110 | * 3-355-250-01 | PANEL (S), BACK | |
| 111 | 1-590-765-11 | CORD (WITH CONNECTOR) F2 | |
| F2 | ⚠ 1-532-414-11 | FUSE 1.0A | |

**Note:** The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

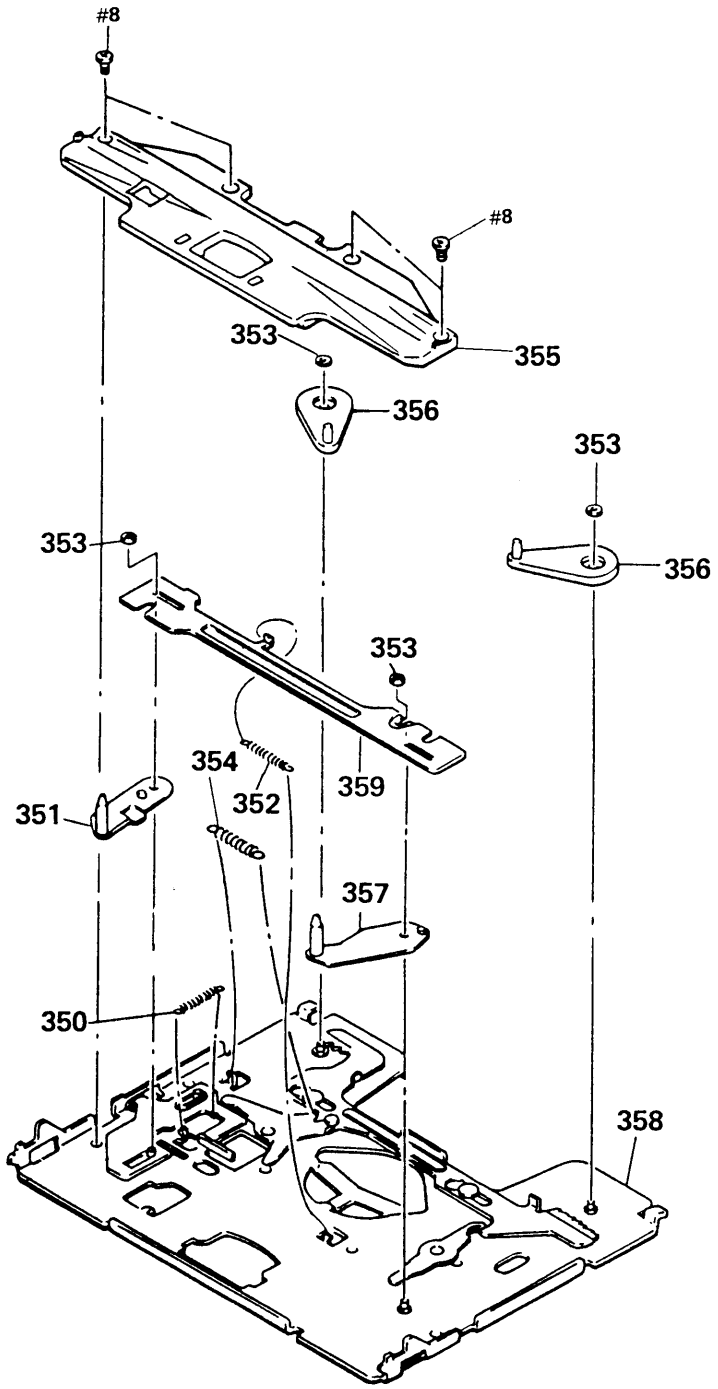
## 4. MD SECTION (1)




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 301 | 3-351-437-01 | SPRING (ROLLER) | |
| 302 | * X-3351-422-1 | BRACKET (ROLLER) ASSY | |
| 303 | 3-351-495-01 | SLEEVE (2) | |
| 304 | * X-3351-417-2 | CHASSIS (MAIN) ASSY | |
| 305 | 3-351-416-01 | BEARING (ROLLER SHAFT) | |
| 306 | 3-701-438-11 | WASHER, 2.5 | |
| 307 | 3-323-231-11 | ROLLER (LOWER) | |
| 308 | * X-3351-418-1 | LEVER (CH RELEASE) ASSY | |
| 309 | 3-364-310-01 | DAMPER (F) | |
| 310 | * 3-351-492-01 | BRACKET (DUMPER A) | |
| 311 | 3-323-263-01 | WASHER, TEFLON | |
| 312 | * 3-351-493-01 | BRACKET (DUMPER B) | |
| 313 | * X-3351-423-1 | BRACKET (F) ASSY | |
| 314 | 3-351-444-01 | SPRING (FLOATING A, B), TENSION | |
| 315 | 3-330-929-11 | DAMPER (S), HYPER | |
| 316 | * 3-351-411-01 | BRACKET (DAMPER D) | |
| 317 | 9-911-863-XX | SPACER (PC BOARD) | |
| 318 | * 1-634-331-11 | LED BOARD | |
| 319 | * A-3279-978-A | RF BOARD, COMPLETE | |
| 320 | 1-554-938-11 | SWITCH, LEAF | |
| 321 | * 1-634-330-11 | SENSOR BOARD | |
| 322 | 3-342-625-01 | RETAINER (S2), THRUST | |
| 323 | * 3-351-453-01 | ARM, CHUCKING | |

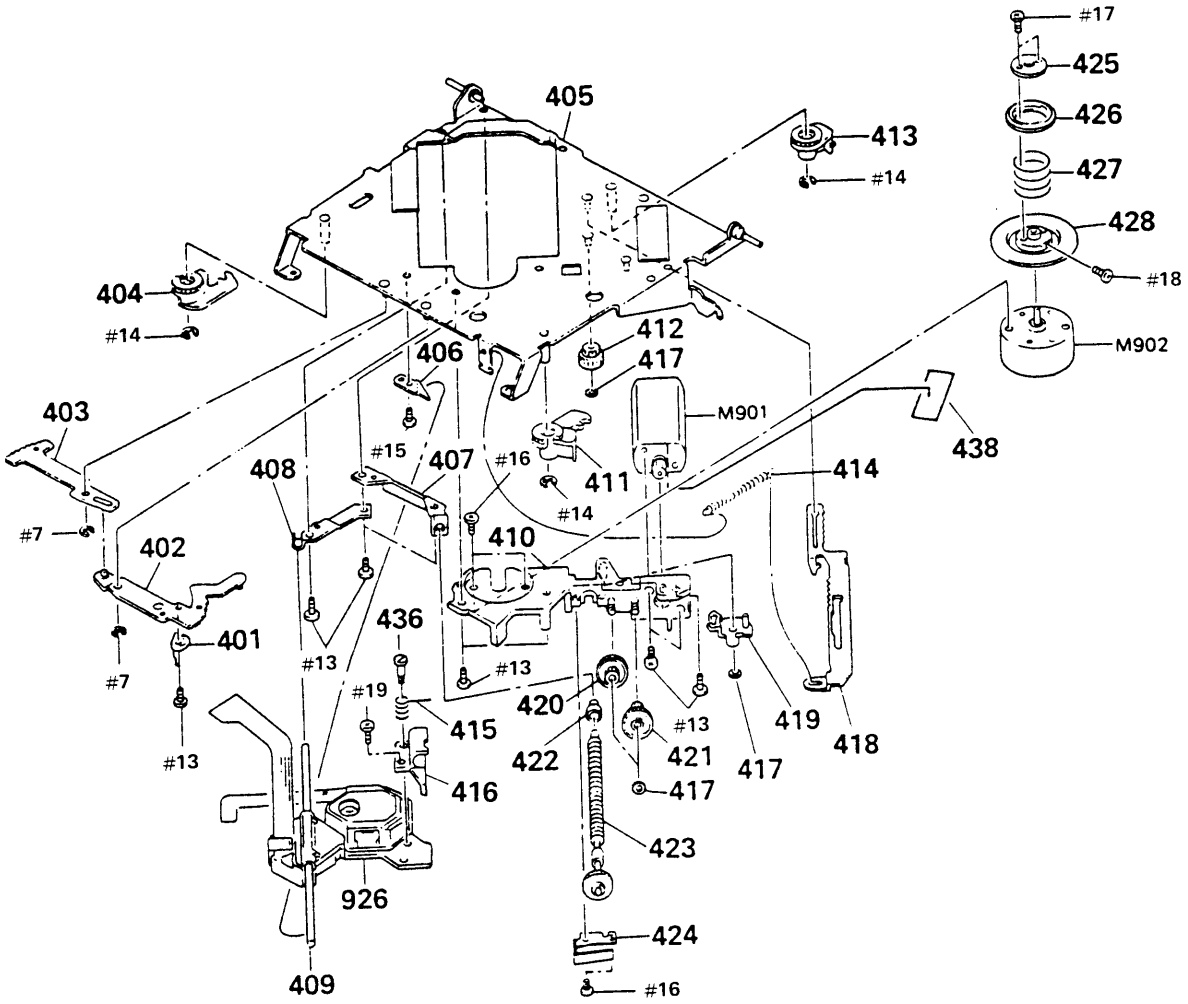
| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 324 | 3-351-443-01 | SPRING (CHUCKING), TENSION | |
| 325 | 3-348-558-01 | PLATE (F), CHUCK | |
| 326 | * 3-351-494-01 | BRACKET (DUMPER C) | |
| 327 | 3-351-445-01 | SPRING (FLOATING C, D), TENSION | |
| 328 | * 3-351-483-01 | BRACKET (REAR A) | |
| 329 | * 3-351-464-01 | SHEET (SM), INSULATING | |
| 330 | * X-3351-419-1 | BRACKET (M) ASSY | |
| 333 | 3-351-498-01 | GEAR (B, WORM WHEEL) | |
| 334 | * 3-351-482-01 | RETAINER (SIDE GEAR 2) | |
| 335 | 3-351-414-01 | GEAR (C) | |
| 336 | * X-3351-421-1 | LEVER (SW) ASSY | |
| 337 | 3-351-438-01 | GEAR, CAM | |
| 338 | 3-351-463-01 | SPRING (SW LEVER 2), TENSION | |
| 339 | * X-3351-420-1 | LEVER (GEAR C) ASSY | |
| 341 | 3-315-384-11 | WASHER, STOPPER | |
| 342 | 3-351-456-01 | LEVER (L, E) | |
| 343 | 3-578-224-00 | WASHER | |
| 344 | 1-634-333-11 | (B) FLEXIBLE BOARD | |
| 345 | 1-634-334-11 | (C) FLEXIBLE BOARD | |
| 346 | A-3249-515-A | GEAR (A) ASSY (LOADING) | |
| M903 | 1-541-560-11 | DC MOTOR | |
| PM901 | 1-454-461-11 | SOLENOID, PLUNGER | |

5. MD SECTION (2)




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 350 | 3-351-448-01 | SPRING (LOCK LEVER), TENSION | |
| 351 | * X-3351-426-1 | LEVER (D DETECTION R2) ASSY | |
| 352 | 3-351-447-02 | SPRING (JOINT F), TENSION | |
| 353 | 3-578-224-00 | WASHER | |
| 354 | 3-351-446-01 | SPRING (JOINT R), TENSION | |
| 355 | 3-351-496-01 | GUIDE (DISK 2) | |
| 356 | 3-351-432-01 | GEAR (DS) | |
| 357 | * X-3351-425-1 | LEVER (D DETECTION L2) ASSY | |
| 358 | * X-3351-424-1 | CHASSIS (T2) ASSY | |
| 359 | * 3-351-489-02 | JOINT (F2) | |

## 6. MD SECTION (3)




| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| 401 | * 2-643-407-01 | PLATE, SWITCH | |
| 402 | * X-2641-534-1 | LEVER (A) ASSY, LOCK | |
| 403 | * 2-641-582-01 | LEVER (B), LOCK | |
| 404 | 2-643-414-02 | GEAR (B), LOCK | |
| 405 | * X-2641-536-2 | CHASSIS ASSY, MAIN | |
| 406 | 2-643-402-01 | RETAINER (B), SHAFT | |
| 407 | 2-643-403-01 | RETAINER, FEED SCREW | |
| 408 | 2-643-401-01 | RETAINER (A), SHAFT | |
| 409 | 2-640-632-01 | SHAFT, GUIDE | |
| 410 | * X-2641-535-2 | CHASSIS ASSY, SUB | |
| 411 | 2-643-413-02 | GEAR (A), LOCK | |
| 412 | 2-643-405-01 | WHEEL, WORM | |
| 413 | 2-641-599-02 | GEAR (C), GEAR | |
| 414 | 2-641-595-02 | SPRING, TENSION | |
| 415 | 2-643-420-01 | SPRING | |
| 416 | 2-643-412-02 | NUT, FEED | |
| 417 | 3-321-813-01 | WASHER, COTTER POLYETHYLENE | |
| 418 | * 2-641-583-02 | LEVER (C), LOCK | |
| 419 | 2-643-406-02 | LEVER, SELECTION | |
| 420 | 2-643-410-01 | GEAR (E) | |
| 421 | 2-643-409-01 | GEAR (D) | |
| 422 | 2-643-408-02 | RETAINER, THRUST | |
| 423 | A-4910-184-B | SCREW ASSY, FEED | |
| 424 | 2-643-404-01 | SPRING | |
| 425 | 2-640-650-01 | STOPPER, RING | |
| 426 | 2-643-418-01 | RING, CENTER | |
| 427 | 2-640-617-02 | SPRING, COMPRESSION | |
| 428 | X-2641-541-1 | TURNTABLE ASSY | |
| 436 | 2-643-423-01 | SCREW, SP | |
| 438 | 3-351-469-01 | SHEET, MOTOR | |
| 926 | ⚠ 8-848-124-11 | DEVICE, OPTICAL KSS-168ARP | |
| M901 | A-4910-183-A | MOTOR ASSY, SL (SLED) | |
| M902 | 1-541-560-11 | MOTOR, DC (SPINDLE) | |

**Note:** The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety. Replace only with part number specified.

**DISPLAY**

# SECTION 7
# ELECTRICAL PARTS LIST

**NOTE:**

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- –XX, –X mean standardized parts, so they may have some difference from the original one.
- RESISTORS
  All resistors are in ohms
  METAL: Metal-film resistor
  METAL OXIDE: Metal Oxide-film resistor
  F: nonflammable
- Items marked " * " are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- SEMICONDUCTORS
  In each case, u: μ, for example:
  uA...: μA..., uPA...: μPA...,
  uPB...: μPB..., uPC...: μPC...,
  uPD...: μPD...
- CAPACITORS
  uF: μF
- COILS
  uH: μH

The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

When indicating parts by reference number, please include the board name.

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| * | A-3222-211-A | DISPLAY BOARD, COMPLETE (CDX-5080/5081) | |
| * | A-3222-222-A | DISPLAY BOARD, COMPLETE (CDX-5082) | |
| | ********** | | |
| | 1-638-128-11 | (E) FLEXIBLE BOARD | |
| | 3-345-373-01 | SHEET (DIFFUSION) | |
| * | 3-365-991-01 | PLATE (LCD), LIGHT GUIDE | |
| * | 3-365-992-01 | HOLDER (LCD) | |
| | | < CAPACITOR > | |
| C801 | 1-163-201-00 | CERAMIC CHIP 680PF 5% | 50V |
| C802 | 1-162-637-11 | CERAMIC CHIP 0.47uF 16V | |
| | | < DIODE > | |
| D801 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D802 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D803 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D804 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D805 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D806 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D807 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D808 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D809 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D810 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D811 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D812 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D813 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D814 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D815 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D816 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D817 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D818 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D819 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D820 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D821 | 8-719-987-45 | DIODE CL-155Y/PG-CD | |
| D829 | 8-719-400-18 | DIODE 1S2837-T1 | |
| | | < IC > | |
| IC801 | 8-759-821-44 | IC LC7582 | |
| | | < DISPLAY PANEL > | |
| LCD801 | 1-808-983-11 | DISPLAY PANEL, LIQUID CRYSTAL | |
| | | < PILOT LAMP > | |
| PL801 | 1-518-553-11 | LAMP, PILOT | |
| PL802 | 1-518-646-11 | LAMP, PILOT | |
| PL803 | 1-518-553-11 | LAMP, PILOT | |
| PL804 | 1-518-646-11 | LAMP, PILOT | |
| | | < TRANSISTOR > | |
| Q801 | 8-729-904-66 | TRANSISTOR DTD113EK | |
| Q802 | 8-729-904-66 | TRANSISTOR DTD113EK | |
| Q803 | 8-729-904-66 | TRANSISTOR DTD113EK | |
| Q804 | 8-729-904-66 | TRANSISTOR DTD113EK | |
| Q805 | 8-729-106-60 | TRANSISTOR 2SB1115A | |
| Q806 | 8-729-901-00 | TRANSISTOR DTC124EK | |
| | | < RESISTOR > | |
| R801 | 1-216-239-00 | METAL GLAZE 51K 5% | 1/8W |
| R802 | 1-216-262-00 | METAL GLAZE 470K 5% | 1/8W |
| R803 | 1-216-198-00 | METAL CHIP 1K 5% | 1/8W |
| R804 | 1-216-182-00 | METAL GLAZE 220 5% | 1/8W |
| R805 | 1-216-178-00 | METAL GLAZE 150 5% | 1/8W |
| R806 | 1-216-182-00 | METAL GLAZE 220 5% | 1/8W |
| R807 | 1-216-178-00 | METAL GLAZE 150 5% | 1/8W |
| R808 | 1-216-182-00 | METAL GLAZE 220 5% | 1/8W |
| R809 | 1-216-178-00 | METAL GLAZE 150 5% | 1/8W |

**DISPLAY** **JACK** **LED** **MAIN**

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| R810 | 1-216-182-00 | METAL GLAZE | 220 | 5% | 1/8W | |
| R811 | 1-216-178-00 | METAL GLAZE | 150 | 5% | 1/8W | |
| R812 | 1-216-182-00 | METAL GLAZE | 220 | 5% | 1/8W | |
| R813 | 1-216-178-00 | METAL GLAZE | 150 | 5% | 1/8W | |
| R814 | 1-216-182-00 | METAL GLAZE | 220 | 5% | 1/8W | |
| R815 | 1-216-178-00 | METAL GLAZE | 150 | 5% | 1/8W | |
| R816 | 1-216-200-00 | METAL GLAZE | 1.2K | 5% | 1/8W | |
| R817 | 1-216-222-00 | METAL GLAZE | 10K | 5% | 1/8W | |
| R818 | 1-216-182-00 | METAL GLAZE | 220 | 5% | 1/8W | |
| R819 | 1-216-178-00 | METAL GLAZE | 150 | 5% | 1/8W | |
| | | < SWITCH > | | | | |
| SW801 | 1-572-704-21 | SWITCH, KEY BOARD (CD) | | | | |
| SW802 | 1-572-704-21 | SWITCH, KEY BOARD (SEEK + ) | | | | |
| SW803 | 1-572-704-21 | SWITCH, KEY BOARD (SEEK - ) | | | | |
| SW804 | 1-572-704-21 | SWITCH, KEY BOARD (MANU + ) | | | | |
| SW805 | 1-572-704-21 | SWITCH, KEY BOARD (MANU - ) | | | | |
| SW806 | 1-572-704-21 | SWITCH, KEY BOARD ( 3 ) | | | | |
| SW807 | 1-572-704-21 | SWITCH, KEY BOARD ( 6 ) | | | | |
| SW808 | 1-572-704-21 | SWITCH, KEY BOARD ( 2 ) | | | | |
| SW809 | 1-572-704-21 | SWITCH, KEY BOARD ( 5 ) | | | | |
| SW810 | 1-572-704-21 | SWITCH, KEY BOARD ( 1 ) | | | | |
| SW811 | 1-572-704-21 | SWITCH, KEY BOARD ( 4 ) | | | | |
| SW812 | 1-572-704-21 | SWITCH, KEY BOARD (LOUD) | | | | |
| SW813 | 1-572-704-21 | SWITCH, KEY BOARD (SENS) | | | | |
| SW814 | 1-572-704-21 | SWITCH, KEY BOARD (M·SCAN) | | | | |
| SW815 | 1-572-704-21 | SWITCH, KEY BOARD ( + ) | | | | |
| SW816 | 1-572-704-21 | SWITCH, KEY BOARD (SELECT) | | | | |
| SW817 | 1-572-704-21 | SWITCH, KEY BOARD ( - ) | | | | |
| SW818 | 1-572-704-21 | SWITCH, KEY BOARD (MUTE) | | | | |
| SW819 | 1-572-704-21 | SWITCH, KEY BOARD (RESET) | | | | |
| SW820 | 1-572-704-21 | SWITCH, KEY BOARD (OFF) | | | | |
| SW821 | 1-572-704-21 | SWITCH, KEY BOARD (ILL) | | | | |
| SW823 | 1-572-704-21 | SWITCH, KEY BOARD (WALKMAN) | | | | |
| SW824 | 1-572-704-21 | SWITCH, KEY BOARD (AM) | | | | |
| SW825 | 1-572-704-21 | SWITCH, KEY BOARD (FM) | | | | |
| SW826 | 1-572-704-21 | SWITCH, KEY BOARD ( ▲ ) | | | | |
| | | ********** | | | | |
| | * A-3273-305-A | JACK BOARD, COMPLETE | | | | |
| | | ********** | | | | |
| | * 1-638-122-11 | JACK BOARD | | | | |
| | | < CONNECTOR > | | | | |
| CNJ301 | 1-563-857-41 | JACK, HEADPHONE | | | | |
| CNP301 | 1-580-801-11 | PIN, CONNECTOR (PC BOARD) 3P | | | | |
| | | ********** | | | | |

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| | * 1-634-331-11 | LED BOARD | | | | |
| | | ********* | | | | |
| | 1-634-332-11 | (A) FLEXIBLE BOARD | | | | |
| | * 3-355-252-01 | SHEET (MD), INSULATING | | | | |
| | | < DIODE > | | | | |
| D80 | 8-719-404-19 | DIODE LN1251C | | | | |
| D81 | 8-719-404-19 | DIODE LN1251C | | | | |
| D82 | 8-719-404-19 | DIODE LN1251C | | | | |
| | | < SWITCH > | | | | |
| SW80 | 1-571-754-11 | SWITCH, PUSH (1 KEY) | | | | |
| SW81 | 1-571-754-11 | SWITCH, PUSH (1 KEY) | | | | |
| | | ********** | | | | |
| | * A-3222-221-A | MAIN BOARD, COMPLETE (CDX-5082) | | | | |
| | * A-3222-223-A | MAIN BOARD, COMPLETE (CDX-5081) | | | | |
| | * A-3222-224-A | MAIN BOARD, COMPLETE (CDX-5080 AEP MODEL) | | | | |
| | * A-3222-225-A | MAIN BOARD, COMPLETE (CDX-5080 E MODEL) | | | | |
| | | ********** | | | | |
| | | < BATTERY > | | | | |
| BT601 | 1-528-225-31 | BATTERY, LITHIUM | | | | |
| | | < CAPACITOR > | | | | |
| C101 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V | |
| C102 | 1-130-474-00 | MYLAR | 0.0018uF | 5% | 50V | |
| C103 | 1-130-480-00 | MYLAR | 0.0056uF | 5% | 50V | |
| C104 | 1-124-499-11 | ELECT NONPOLAR | 1uF | 20% | 50V | |
| C105 | 1-124-589-11 | ELECT | 47uF | 20% | 16V | |
| C106 | 1-130-477-00 | MYLAR | 0.0033uF | 5% | 50V | |
| C107 | 1-124-464-11 | ELECT | 0.22uF | 20% | 50V | |
| C108 | 1-124-589-11 | ELECT | 47uF | 20% | 16V | |
| C109 | 1-130-476-00 | MYLAR | 0.0027uF | 5% | 50V | |
| C110 | 1-136-162-00 | FILM | 0.056uF | 5% | 50V | |
| C111 | 1-136-162-00 | FILM | 0.056uF | 5% | 50V | |
| C112 | 1-163-117-00 | CERAMIC CHIP | 100PF | 5% | 50V | |
| C113 | 1-126-301-11 | ELECT | 1uF | 20% | 50V | |
| C114 | 1-126-301-11 | ELECT | 1uF | 20% | 50V | |
| C116 | 1-126-157-11 | ELECT | 10uF | 20% | 16V | |
| C117 | 1-126-157-11 | ELECT | 10uF | 20% | 16V | |
| C118 | 1-124-584-00 | ELECT | 100uF | 20% | 10V | |
| C119 | 1-124-257-00 | ELECT | 2.2uF | 20% | 50V | |
| C120 | 1-164-299-11 | CERAMIC CHIP | 0.22uF | 10% | 25V | |
| C121 | 1-126-288-11 | ELECT | 4.7uF | 20% | 16V | |
| C151 | 1-163-117-00 | CERAMIC CHIP | 100PF | 5% | 50V | |
| C201 | 1-136-165-00 | FILM | 0.1uF | 5% | 50V | |
| C202 | 1-130-474-00 | MYLAR | 0.0018uF | 5% | 50V | |
| C203 | 1-130-480-00 | MYLAR | 0.0056uF | 5% | 50V | |
| C204 | 1-124-499-11 | ELECT NONPOLAR | 1uF | 20% | 50V | |

# MAIN

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C205 | 1-124-589-11 | ELECT | 47uF | 20% 16V | |
| C206 | 1-130-477-00 | MYLAR | 0.0033uF | 5% 50V | |
| C207 | 1-124-464-11 | ELECT | 0.22uF | 20% 50V | |
| C208 | 1-124-589-11 | ELECT | 47uF | 20% 16V | |
| C209 | 1-130-476-00 | MYLAR | 0.0027uF | 5% 50V | |
| C210 | 1-136-162-00 | FILM | 0.056uF | 5% 50V | |
| C211 | 1-136-162-00 | FILM | 0.056uF | 5% 50V | |
| C212 | 1-163-117-00 | CERAMIC CHIP | 100PF | 5% 50V | |
| C213 | 1-126-301-11 | ELECT | 1uF | 20% 50V | |
| C214 | 1-126-301-11 | ELECT | 1uF | 20% 50V | |
| C215 | 1-124-589-11 | ELECT | 47uF | 20% 16V | |
| C216 | 1-126-157-11 | ELECT | 10uF | 20% 16V | |
| C217 | 1-126-157-11 | ELECT | 10uF | 20% 16V | |
| C218 | 1-124-584-00 | ELECT | 100uF | 20% 10V | |
| C219 | 1-124-257-00 | ELECT | 2.2uF | 20% 50V | |
| C220 | 1-164-299-11 | CERAMIC CHIP | 0.22uF | 10% 25V | |
| C221 | 1-126-288-11 | ELECT | 4.7uF | 20% 16V | |
| C251 | 1-163-117-00 | CERAMIC CHIP | 100PF | 5% 50V | |
| C304 | 1-163-097-00 | CERAMIC CHIP | 15PF | 5% 50V | |
| C305 | 1-163-097-00 | CERAMIC CHIP | 15PF | 5% 50V | |
| C306 | 1-124-589-11 | ELECT | 47uF | 20% 16V | |
| C307 | 1-124-589-11 | ELECT | 47uF | 20% 16V | |
| C308 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% 25V | |
| C309 | 1-163-117-00 | CERAMIC CHIP | 100PF | 5% 50V | (CDX-5081/5082/5080 E MODEL) |
| C310 | 1-124-584-00 | ELECT | 100uF | 20% 10V | |
| C311 | 1-124-584-00 | ELECT | 100uF | 20% 10V | |
| C402 | 1-124-584-00 | ELECT | 100uF | 20% 10V | |
| C403 | 1-126-157-11 | ELECT | 10uF | 20% 16V | |
| C404 | 1-124-464-11 | ELECT | 0.22uF | 20% 50V | |
| C405 | 1-124-589-11 | ELECT | 47uF | 20% 16V | |
| C406 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% 25V | |
| C407 | 1-126-154-11 | ELECT | 47uF | 20% 6.3V | |
| C408 | 1-126-154-11 | ELECT | 47uF | 20% 6.3V | |
| C411 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% 25V | |
| C412 | 1-126-288-11 | ELECT | 4.7uF | 20% 16V | |
| C413 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% 25V | |
| C414 | 1-126-288-11 | ELECT | 4.7uF | 20% 16V | |
| C420 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | 50V | |
| C421 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% 25V | |
| C423 | 1-126-154-11 | ELECT | 47uF | 20% 10V | |
| C425 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% 25V | |
| C501 | 1-126-916-11 | ELECT | 1000uF | 20% 6.3V | |
| C502 | 1-126-927-11 | ELECT | 2200uF | 20% 10V | |
| C503 | 1-126-154-11 | ELECT | 47uF | 20% 6.3V | |
| C504 | 1-136-153-00 | FILM | 0.01uF | 5% 50V | |
| C505 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% 25V | |
| C506 | 1-126-176-11 | ELECT | 220uF | 20% 10V | |
| C507 | 1-126-154-11 | ELECT | 47uF | 20% 6.3V | |
| C508 | 1-126-154-11 | ELECT | 47uF | 20% 6.3V | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| C510 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% 25V | |
| C511 | 1-124-360-00 | ELECT | 1000uF | 20% 16V | |
| C512 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% 25V | |
| C513 | 1-163-017-00 | CERAMIC CHIP | 0.0047uF | 5% 50V | |
| C514 | 1-163-098-00 | CERAMIC CHIP | 16PF | 5% 50V | |
| C515 | 1-162-638-11 | CERAMIC CHIP | 1uF | 16V | |
| C516 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% 25V | |
| C520 | 1-162-637-11 | CERAMIC CHIP | 0.47uF | 16V | |
| C601 | 1-124-257-00 | ELECT | 2.2uF | 20% 50V | |
| C602 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | 50V | |
| C603 | 1-124-257-00 | ELECT | 2.2uF | 20% 50V | |
| C604 | 1-136-165-00 | FILM | 0.1uF | 5% 50V | |
| C605 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | 50V | |
| C606 | 1-163-157-00 | FILM | 0.022uF | 5% 50V | |
| C607 | 1-126-162-11 | ELECT | 3.3uF | 20% 50V | |
| C608 | 1-126-162-11 | ELECT | 3.3uF | 20% 50V | |
| C609 | 1-124-589-11 | ELECT | 47uF | 20% 16V | |
| C610 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% 25V | |
| C611 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% 25V | |
| C612 | 1-124-589-11 | ELECT | 47uF | 20% 16V | |
| C613 | 1-126-288-11 | ELECT | 4.7uF | 20% 16V | (CDX-5080/5081) |
| C614 | 1-128-054-11 | ELECT | 22uF | 20% 10V | |
| C615 | 1-130-477-00 | MYLAR | 0.0033uF | 5% 50V | |
| C616 | 1-163-157-00 | FILM | 0.022uF | 5% 50V | |
| C617 | 1-136-153-00 | FILM | 0.01uF | 5% 50V | (CDX-5080/5081) |
| | 1-130-479-00 | MYLAR | 0.0047uF | 5% 50V | (CDX-5082) |
| C618 | 1-130-474-00 | MYLAR | 0.0018uF | 5% 50V | |
| C619 | 1-126-288-11 | ELECT | 4.7uF | 20% 16V | |
| C620 | 1-126-301-11 | ELECT | 1uF | 20% 50V | |
| C621 | 1-124-464-11 | ELECT | 0.22uF | 20% 50V | |
| C622 | 1-126-301-11 | ELECT | 1uF | 20% 50V | |
| C623 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% 50V | |
| C624 | 1-163-117-00 | CERAMIC CHIP | 100PF | 5% 50V | |
| C625 | 1-163-037-11 | CERAMIC CHIP | 0.022uF | 10% 25V | |
| C626 | 1-126-154-11 | ELECT | 47uF | 20% 6.3V | |
| C627 | 1-136-155-00 | FILM | 0.015uF | 5% 50V | (CDX-5080/5081) |
| | 1-163-157-00 | FILM | 0.022uF | 5% 50V | (CDX-5082) |
| C628 | 1-136-155-00 | FILM | 0.015uF | 5% 50V | (CDX-5080/5081) |
| | 1-163-157-00 | FILM | 0.022uF | 5% 50V | (CDX-5082) |
| C629 | 1-163-097-00 | CERAMIC CHIP | 15PF | 5% 50V | |
| C630 | 1-163-097-00 | CERAMIC CHIP | 15PF | 5% 50V | |
| C650 | 1-124-463-00 | ELECT | 0.1uF | 20% 50V | (CDX-5082) |
| C651 | 1-136-161-00 | FILM | 0.047uF | 5% 50V | (CDX-5082) |
| C652 | 1-136-161-00 | FILM | 0.0147uF | 5& 50V | (CDX-5082) |
| C653 | 1-163-111-00 | CERAMIC CHIP | 56PF | 5% 50V | (CDX-5082) |
| C654 | 1-130-477-00 | FILM | 0.0033uF | 5% 50V | (CDX-5082) |
| C655 | 1-126-288-11 | ELECT | 4.7uF | 20% 16V | (CDX-5082) |
| C656 | 1-136-175-00 | FILM | 0.068uF | 5% 50V | (CDX-5082) |
| C657 | 1-136-175-00 | FILM | 0.068uF | 5% 50V | (CDX-5082) |
| C658 | 1-124-463-00 | ELECT | 0.1uF | 20% 50V | (CDX-5082) |
| C659 | 1-136-175-00 | FILM | 0.068uF | 5% 50V | (CDX-5082) |
| C660 | 1-136-175-00 | FILM | 0.068uF | 5% 50V | (CDX-5082) |
| C661 | 1-163-157-00 | FILM | 0.022uF | 5% 50V | (CDX-5082) |
| C662 | 1-124-463-00 | ELECT | 0.1uF | 20% 50V | (CDX-5081) |
| C663 | 1-124-463-00 | ELECT | 0.1uF | 20% 50V | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | < CONNECTOR > | |
| CNJ1 | * 1-563-464-21 | SOCKET, CONNECTOR 10P | |
| CNJ2 | * 1-580-802-21 | SOCKET, CONNECTOR 20P | |
| CNJ3 | * 1-569-630-11 | SOCKET, CONNECTOR 9P | |
| CNJ4 | 1-566-531-11 | CONNECTOR, FPC (ZIF) 15P | |
| CNJ5 | 1-566-531-11 | CONNECTOR, FPC (ZIF) 15P | |
| CNJ302 | 1-580-800-11 | SOCKET, CONNECTOR 3P | |
| | | < DIODE > | |
| D101 | 8-719-109-72 | DIODE RD3.9ES-B2 | |
| D102 | 8-719-109-72 | DIODE RD3.9ES-B2 | |
| D103 | 8-719-109-75 | DIODE RD4.3ES-B2 | |
| D110 | 8-719-977-31 | DIODE DTZ11A | |
| D201 | 8-719-109-72 | DIODE RD3.9ES-B2 | |
| D202 | 8-719-109-72 | DIODE RD3.9ES-B2 | |
| D203 | 8-719-109-75 | DIODE RD4.3ES-B2 | |
| D210 | 8-719-977-31 | DIODE DTZ11A | |
| D301 | 8-719-109-75 | DIODE RD4.3ES-B2 | |
| D310 | 8-719-977-31 | DIODE DTZ11A | |
| D402 | 8-719-120-75 | DIODE RD6.2ES-L1 | |
| D403 | 8-719-110-46 | DIODE RD16ES-B3 | |
| D404 | 8-719-120-75 | DIODE RD6.2ES-L1 | |
| D405 | 8-719-911-19 | DIODE 1SS119 | |
| D406 | 8-719-110-13 | DIODE RD9.1ES-B2 | |
| D407 | 8-719-110-09 | DIODE RD8.2ES-T183 | |
| D408 | 8-719-911-19 | DIODE 1SS119 | |
| D409 | 8-719-911-19 | DIODE 1SS119 | |
| D410 | 8-719-110-14 | DIODE RD9.1ES-B3 | |
| D411 | 8-719-110-13 | DIODE RD9.1ES-B2 | |
| D412 | 8-719-120-78 | DIODE RD6.2ES-L3 | |
| D413 | 8-719-104-34 | DIODE 1S2836 | |
| D414 | 8-719-109-89 | DIODE RD5.6ES-B2 | |
| D416 | 8-719-400-18 | DIODE MA152WK | |
| D501 | 8-719-911-19 | DIODE 1SS119 | |
| D502 | 8-719-911-19 | DIODE 1SS119 | |
| D503 | 8-719-911-19 | DIODE 1SS119 | |
| D504 | 8-719-911-19 | DIODE 1SS119 | |
| D505 | 8-719-400-18 | DIODE MA152WK | |
| D506 | 8-719-110-13 | DIODE RD9.1ES-B2 | |
| D507 | 8-719-911-19 | DIODE 1SS119 | |
| D509 | 8-719-911-19 | DIODE 1SS119 | |
| D510 | 8-719-911-19 | DIODE 1SS119 | |
| D511 | 8-719-911-19 | DIODE 1SS119 | |
| D520 | 8-719-400-18 | DIODE MA152WK | |
| D601 | 8-719-800-76 | DIODE 1SS226 | |
| D602 | 8-719-104-34 | DIODE 1S2836 | |
| D603 | 8-719-911-19 | DIODE 1SS119 | |
| D604 | 8-719-911-19 | DIODE 1SS119 | |
| D650 | 8-719-911-19 | DIODE 1SS119 | (CDX-5082) |
| | | < TUNER > | |
| FE601 | 1-465-140-11 | TUNER UNIT | |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | < IC > | |
| HIC601 | 1-808-516-11 | IC NMX3S920 | |
| | | < IC > | |
| IC101 | 8-759-924-46 | IC BA4560F | |
| IC102 | 8-759-909-71 | IC BA4558F | |
| IC103 | 8-759-909-71 | IC BA4558F | |
| IC104 | 8-759-909-71 | IC BA4558F | |
| IC201 | 8-759-924-46 | IC BA4560F | |
| IC202 | 8-759-909-71 | IC BA4558F | |
| IC203 | 8-759-909-71 | IC BA4558F | |
| IC204 | 8-759-909-71 | IC BA4558F | |
| IC301 | 8-759-501-31 | IC SM5840CS | |
| IC302 | 8-759-909-71 | IC BA4558F | |
| IC303 | 8-759-932-64 | IC BU4052BF | |
| IC304 | 8-759-820-15 | IC LC7537AN | |
| IC305 | 8-759-631-00 | IC M5280FP | |
| IC306 | 8-759-822-61 | IC LC78820M | |
| IC307 | 8-759-909-71 | IC BA4558F | |
| IC401 | 8-759-982-07 | IC RC7808FA | |
| IC402 | 8-759-982-31 | IC RC78M05FA | |
| IC403 | 8-759-421-13 | IC AN8009M | |
| IC501 | 8-759-151-43 | IC uPD75516GF-160-3B9 | |
| IC502 | 8-759-932-86 | IC BU4081BF | |
| IC503 | 8-759-802-76 | IC LB1645N | |
| IC505 | 8-759-925-90 | IC SN74HC74ANS | |
| IC601 | 8-759-821-43 | IC LC7218M | |
| IC650 | 8-759-998-24 | IC TDA1579T | (CDX-5082) |
| IC651 | 8-759-909-71 | IC BA4558F | (CDX-5082) |
| | | <JUMPER RESISTOR> | |
| JR500 | 1-216-295-00 | METAL CHIP 0 5% 1/10W | (CDX-5081/5082) |
| JR501 | 1-216-295-00 | METAL CHIP 0 5% 1/10W | (CDX-5080) |
| JR502 | 1-216-295-00 | METAL CHIP 0 5% 1/10W | (CDX-5080/5081) |
| | | < COIL > | |
| L301 | 1-410-507-11 | INDUCTOR 6.8uH | |
| L401 | 1-408-419-00 | INDUCTOR 68uH | |
| L501 | 1-408-424-00 | INDUCTOR 180uH | |
| L502 | 1-408-424-00 | INDUCTOR 180uH | |
| L503 | 1-408-424-00 | INDUCTOR 180uH | |
| L601 | 1-410-513-11 | INDUCTOR 22uH | |
| L650 | 1-424-036-11 | COIL (FILTER) | (CDX-5082) |
| | | < TRANSISTOR > | |
| Q101 | 8-729-920-21 | TRANSISTOR DTC314TK-H04 | |
| Q102 | 8-729-920-21 | TRANSISTOR DTC314TK-H04 | |
| Q201 | 8-729-920-21 | TRANSISTOR DTC314TK-H04 | |
| Q202 | 8-729-920-21 | TRANSISTOR DTC314TK-H04 | |
| Q401 | 8-729-901-01 | TRANSISTOR DTC144EK | |

# MAIN

| Ref. No. | Part No. | Description | | Remark |
|---|---|---|---|---|
| Q402 | 8-729-901-78 | TRANSISTOR | 2SC2412K-R | |
| Q403 | 8-729-901-01 | TRANSISTOR | DTC144EK | |
| Q404 | 8-729-901-78 | TRANSISTOR | 2SC2412K-R | |
| Q405 | 8-729-106-60 | TRANSISTOR | 2SB1115A | |
| Q406 | 8-729-901-00 | TRANSISTOR | DTC124EK | |
| Q407 | 8-729-921-48 | TRANSISTOR | 2SD1760-F5-Q | |
| Q410 | 8-729-921-48 | TRANSISTOR | 2SD1760-F5-Q | |
| Q414 | 8-729-922-47 | TRANSISTOR | 2SB1184-F5-R | |
| Q415 | 8-729-901-00 | TRANSISTOR | DTC124EK | |
| Q416 | 8-729-922-47 | TRANSISTOR | 2SB1184-F5-R | |
| Q417 | 8-729-901-00 | TRANSISTOR | DTC124EK | |
| Q418 | 8-729-921-48 | TRANSISTOR | 2SD1760-F5-Q | |
| Q419 | 8-729-920-85 | TRANSISTOR | 2SD1664-QR | |
| Q420 | 8-729-922-47 | TRANSISTOR | 2SB1184-F5-R | |
| Q421 | 8-729-901-00 | TRANSISTOR | DTC124EK | |
| Q422 | 8-729-901-78 | TRANSISTOR | 2SC2412K-R | |
| Q423 | 8-729-920-85 | TRANSISTOR | 2SD1664-QR | |
| Q424 | 8-729-901-05 | TRANSISTOR | DTA124EK | |
| Q425 | 8-729-901-00 | TRANSISTOR | DTC124EK | |
| Q428 | 8-729-922-47 | TRANSISTOR | 2SB1184-F5-R | |
| Q429 | 8-729-106-60 | TRANSISTOR | 2SB1115A | |
| Q430 | 8-729-901-00 | TRANSISTOR | DTC124EK | |
| Q501 | 8-729-901-78 | TRANSISTOR | 2SC2412K-R | |
| Q502 | 8-729-901-78 | TRANSISTOR | 2SC2412K-R | |
| Q503 | 8-729-900-53 | TRANSISTOR | DTC114EK | |
| Q504 | 8-729-900-98 | TRANSISTOR | DTC143TK | |
| Q505 | 8-729-900-53 | TRANSISTOR | DTC114EK | |
| Q506 | 8-729-901-01 | TRANSISTOR | DTC144EK | |
| Q507 | 8-729-901-05 | TRANSISTOR | DTA124EK | |
| Q601 | 8-729-901-05 | TRANSISTOR | DTA124EK | |
| Q602 | 8-729-901-78 | TRANSISTOR | 2SC2412K-R | |
| Q603 | 8-729-901-78 | TRANSISTOR | 2SC2412K-R | |
| Q604 | 8-729-901-78 | TRANSISTOR | 2SC2412K-R | |
| Q605 | 8-729-901-78 | TRANSISTOR | 2SC2412K-R | |
| Q606 | 8-729-106-60 | TRANSISTOR | 2SB1115A | |
| Q607 | 8-729-106-60 | TRANSISTOR | 2SB1115A | |
| Q608 | 8-729-901-00 | TRANSISTOR | DTC124EK (CDX-5081) | |
| Q609 | 8-729-901-78 | TRANSISTOR | 2SC2412K-R | |
| Q610 | 8-729-901-78 | TRANSISTOR | 2SC2412K-R | |
| Q650 | 8-729-900-53 | TRANSISTOR | DTC114EK (CDX-5082) | |
| Q651 | 8-729-900-53 | TRANSISTOR | DTC114EK (CDX-5082) | |

< RESISTOR >

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| R101 | 1-216-286-00 | METAL GLAZE | 4.7M | 5% | 1/8W | |
| R102 | 1-216-053-00 | METAL CHIP | 1.5K | 5% | 1/10W | |
| R103 | 1-216-053-00 | METAL CHIP | 1.5K | 5% | 1/10W | |
| R104 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R105 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R106 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | |
| R107 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R108 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W | (CDX-5080/5081) |
| | 1-216-079-00 | METAL CHIP | 18K | 5% | 1/10W | (CDX-5082) |
| R109 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R110 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | |
| R111 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W | |
| R112 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W | |
| R113 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W | |
| R114 | 1-216-077-00 | METAL CHIP | 15K | 5% | 1/10W | |
| R115 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W | |
| R116 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R117 | 1-216-083-00 | METAL CHIP | 27K | 5% | 1/10W | |
| R118 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W | |
| R119 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R120 | 1-216-083-00 | METAL CHIP | 27K | 5% | 1/10W | |
| R121 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | |
| R122 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R123 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | |
| R124 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R125 | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W | |
| R126 | 1-216-075-00 | METAL CHIP | 12K | 5% | 1/10W | |
| R127 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R128 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | |
| R201 | 1-216-286-00 | METAL GLAZE | 4.7M | 5% | 1/8W | |
| R202 | 1-216-053-00 | METAL CHIP | 1.5K | 5% | 1/10W | |
| R203 | 1-216-053-00 | METAL CHIP | 1.5K | 5% | 1/10W | |
| R204 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R205 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R206 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | |
| R207 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R208 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W | (CDX-5080/5081) |
| | 1-216-079-00 | METAL CHIP | 18K | 5% | 1/10W | (CDX-5082) |
| R209 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R210 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | |
| R211 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W | |
| R212 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W | |
| R213 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W | |
| R214 | 1-216-077-00 | METAL CHIP | 15K | 5% | 1/10W | |
| R215 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W | |
| R216 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R217 | 1-216-083-00 | METAL CHIP | 27K | 5% | 1/10W | |
| R218 | 1-216-121-00 | METAL CHIP | 1M | 5% | 1/10W | |
| R219 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R220 | 1-216-083-00 | METAL CHIP | 27K | 5% | 1/10W | |
| R221 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | |
| R222 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R223 | 1-216-057-00 | METAL CHIP | 2.2K | 5% | 1/10W | |
| R224 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R225 | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W | |
| R226 | 1-216-075-00 | METAL CHIP | 12K | 5% | 1/10W | |
| R227 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R228 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | |
| R304 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R305 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R306 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R307 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | |

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| R308 | 1-216-051-00 | METAL CHIP | 1.2K | 5% | 1/10W | |
| R309 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | |
| R401 | 1-216-081-00 | METAL CHIP | 22K | 5% | 1/10W | |
| R402 | 1-216-105-00 | METAL CHIP | 220K | 5% | 1/10W | |
| R403 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | |
| R404 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | |
| R405 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R406 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | |
| R407 | 1-216-206-00 | METAL GLAZE | 2.2K | 5% | 1/8W | |
| R408 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R409 | 1-216-206-00 | METAL GLAZE | 2.2K | 5% | 1/8W | |
| R410 | 1-216-035-00 | METAL CHIP | 270 | 5% | 1/10W | |
| R411 | 1-216-051-00 | METAL CHIP | 1.2K | 5% | 1/10W | |
| R414 | 1-216-051-00 | METAL CHIP | 1.2K | 5% | 1/10W | |
| R419 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R420 | 1-216-206-00 | METAL GLAZE | 2.2K | 5% | 1/8W | |
| R421 | 1-216-206-00 | METAL GLAZE | 2.2K | 5% | 1/8W | |
| R422 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R423 | 1-216-206-00 | METAL GLAZE | 2.2K | 5% | 1/8W | |
| R424 | 1-216-206-00 | METAL GLAZE | 2.2K | 5% | 1/8W | |
| R425 | 1-216-035-00 | METAL CHIP | 270 | 5% | 1/10W | |
| R426 | 1-216-035-00 | METAL CHIP | 270 | 5% | 1/10W | |
| R427 | 1-216-194-00 | METAL CHIP | 680 | 5% | 1/8W | |
| R428 | 1-216-051-00 | METAL CHIP | 1.2K | 5% | 1/10W | |
| R429 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R430 | 1-216-206-00 | METAL GLAZE | 2.2K | 5% | 1/8W | |
| R431 | 1-216-206-00 | METAL GLAZE | 2.2K | 5% | 1/8W | |
| R432 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R434 | 1-216-055-00 | METAL CHIP | 1.8K | 5% | 1/10W | |
| R436 | 1-216-194-00 | METAL CHIP | 680 | 5% | 1/8W | |
| R438 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R439 | 1-216-200-00 | METAL GLAZE | 1.2K | 5% | 1/8W | |
| R440 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R441 | 1-216-190-00 | METAL GLAZE | 470 | 5% | 1/8W | |
| R501 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R502 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R503 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R504 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | |
| R505 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | |
| R507 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | |
| R508 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | |
| R509 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | |
| R511 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | |
| R512 | 1-216-105-00 | METAL CHIP | 220K | 5% | 1/10W | |
| R513 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | |
| R514 | 1-216-105-00 | METAL CHIP | 220K | 5% | 1/10W | |
| R515 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | |
| R516 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | |
| R517 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | |
| R518 | 1-216-035-00 | METAL CHIP | 270 | 5% | 1/10W | |
| R519 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R520 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R521 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| R522 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | |
| R523 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | |
| R524 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | |
| R525 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | |
| R526 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | |
| R528 | 1-216-001-00 | METAL CHIP | 10 | 5% | 1/10W | |
| R529 | 1-216-027-00 | METAL CHIP | 120 | 5% | 1/10W | |
| R530 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R531 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | |
| R532 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R533 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R534 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R535 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R536 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R537 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R538 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | |
| R601 | 1-216-045-00 | METAL CHIP | 680 | 5% | 1/10W | (CDX-5080/5081) |
| | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W | (CDX-5082) |
| R602 | 1-216-043-00 | METAL CHIP | 560 | 5% | 1/10W | |
| R603 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W | |
| R604 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W | |
| R605 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | |
| R606 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | |
| R607 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W | |
| R608 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W | |
| R609 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W | |
| R610 | 1-216-063-00 | METAL CHIP | 3.9K | 5% | 1/10W | |
| R611 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | |
| R612 | 1-216-049-00 | METAL CHIP | 1K | 5% | 1/10W | |
| R613 | 1-216-059-00 | METAL CHIP | 2.7K | 5% | 1/10W | |
| R614 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R615 | 1-216-059-00 | METAL CHIP | 2.7K | 5% | 1/10W | |
| R616 | 1-216-067-00 | METAL CHIP | 5.6K | 5% | 1/10W | |
| R617 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | |
| R618 | 1-216-080-00 | METAL CHIP | 20K | 5% | 1/10W | |
| R619 | 1-216-059-00 | METAL CHIP | 2.7K | 5% | 1/10W | |
| R620 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W | |
| R621 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | |
| R622 | 1-216-055-00 | METAL CHIP | 1.8K | 5% | 1/10W | |
| R623 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W | |
| R624 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W | |
| R625 | 1-216-065-00 | METAL GLAZE | 4.7K | 5% | 1/10W | |
| R626 | 1-216-079-00 | METAL CHIP | 18K | 5% | 1/10W | |
| R627 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W | |
| R628 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W | |
| R629 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W | |
| R630 | 1-216-029-00 | METAL CHIP | 150 | 5% | 1/10W | (CDX-5080 AEP MODEL) |
| | 1-216-295-00 | METAL CHIP | 0 | 5% | 1/10W | (CDX-5080 E MODEL/ 5081/5082) |
| R650 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W | (CDX-5082) |
| R651 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W | (CDX-5082) |
| R652 | 1-216-067-00 | METAL CHIP | 5.6K | 5% | 1/10W | (CDX-5082) |
| R653 | 1-216-067-00 | METAL CHIP | 5.6K | 5% | 1/10W | (CDX-5082) |
| R654 | 1-216-116-00 | METAL CHIP | 620K | 5% | 1/10W | (CDX-5082) |

# MAIN POWER AMP

| Ref. No. | Part No. | Description | | | | Remark |
|---|---|---|---|---|---|---|
| R655 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | (CDX-5082) |
| R656 | 1-216-093-00 | METAL CHIP | 68K | 5% | 1/10W | (CDX-5082) |
| R657 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | (CDX-5082) |
| R658 | 1-216-065-00 | METAL CHIP | 4.7K | 5% | 1/10W | (CDX-5082) |
| R659 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W | (CDX-5082) |
| R660 | 1-216-117-00 | METAL CHIP | 680K | 5% | 1/10W | (CDX-5082) |
| R661 | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W | (CDX-5082) |
| R662 | 1-216-105-00 | METAL CHIP | 220K | 5% | 1/10W | (CDX-5082) |
| R663 | 1-216-085-00 | METAL CHIP | 33K | 5% | 1/10W | (CDX-5082) |
| R664 | 1-216-095-00 | METAL CHIP | 82K | 5% | 1/10W | (CDX-5082) |
| R665 | 1-216-106-00 | METAL CHIP | 240K | 5% | 1/10W | (CDX-5082) |
| R666 | 1-216-075-00 | METAL CHIP | 12K | 5% | 1/10W | (CDX-5082) |
| R667 | 1-216-041-00 | METAL CHIP | 470 | 5% | 1/10W | (CDX-5082) |
| R668 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | (CDX-5082) |
| R669 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W | (CDX-5082) |
| R670 | 1-216-073-00 | METAL CHIP | 10K | 5% | 1/10W | (CDX-5082) |
| R671 | 1-216-075-00 | METAL CHIP | 12K | 5% | 1/10W | (CDX-5082) |

< VARIABLE RESISTOR >

| | | |
|---|---|---|
| RV601 | 1-238-207-11 | RES, ADJ, METAL GLAZE 100K |
| RV602 | 1-238-204-11 | RES, ADJ, METAL GLAZE 10K |
| RV650 | 1-241-196-11 | RES, ADJ, METAL GLAZE 100 (CDX-5082) |

< SWITCH >

| | | |
|---|---|---|
| SW1 | 1-570-504-11 | SWITCH, MICRO |
| SW501 | 1-553-510-00 | SWITCH, SLIDE |
| SW502 | 1-553-510-00 | SWITCH, SLIDE (CDX-5080 E MODEL) |

< THERMISTOR >

| | | |
|---|---|---|
| TH401 | 1-809-148-11 | THERMISTOR, POSITIVE |
| TH402 | 1-809-148-11 | THERMISTOR, POSITIVE |
| TH501 | 1-808-656-11 | THERMISTOR |

< CRYSTAL >

| | | |
|---|---|---|
| X301 | 1-567-820-11 | VIBRATOR, CRYSTAL |
| X501 | 1-567-775-11 | VIBRATOR, CERAMIC |
| X601 | 1-567-250-11 | OSCILLATOR, CERAMIC |
| X602 | 1-567-848-11 | VIBRATOR, CRYSTAL |

**********

* A-3273-308-A POWER AMP BOARD, COMPLETE

**********

* 3-355-253-01 BRACKET

< CAPACITOR >

| | | | | | |
|---|---|---|---|---|---|
| C701 | 1-126-301-11 | ELECT | 1uF | 20% | 50V |
| C702 | 1-126-301-11 | ELECT | 1uF | 20% | 50V |
| C703 | 1-126-925-11 | ELECT | 470uF | 20% | 10V |
| C704 | 1-126-901-11 | ELECT | 100uF | 20% | 16V |
| C705 | 1-124-360-00 | ELECT | 1000uF | 20% | 16V |
| C706 | 1-163-104-00 | CERAMIC CHIP | 30PF | 5% | 50V |
| C707 | 1-163-104-00 | CERAMIC CHIP | 30PF | 5% | 50V |
| C708 | 1-163-205-00 | CERAMIC CHIP | 0.001uF | 5% | 50V |
| C709 | 1-163-205-00 | CERAMIC CHIP | 0.001uF | 5% | 50V |
| C710 | 1-163-111-00 | CERAMIC CHIP | 56PF | 5% | 50V |
| C711 | 1-163-111-00 | CERAMIC CHIP | 56PF | 5% | 50V |
| C721 | 1-124-343-00 | ELECT | 2200uF | 20% | 16V |
| C722 | 1-124-234-00 | ELECT | 22uF | 20% | 16V |
| C723 | 1-163-104-00 | CERAMIC CHIP | 30PF | 5% | 50V |
| C724 | 1-163-017-00 | CERAMIC CHIP | 0.0047uF | 5% | 50V |
| C751 | 1-126-301-11 | ELECT | 1uF | 20% | 50V |
| C752 | 1-126-301-11 | ELECT | 1uF | 20% | 50V |
| C753 | 1-126-925-11 | ELECT | 470uF | 20% | 10V |
| C754 | 1-126-901-11 | ELECT | 100uF | 20% | 16V |
| C755 | 1-124-360-00 | ELECT | 1000uF | 20% | 16V |
| C756 | 1-163-104-00 | CERAMIC CHIP | 30PF | 5% | 50V |
| C757 | 1-164-182-11 | CERAMIC CHIP | 0.0033uF | 10% | 50V |
| C758 | 1-163-205-00 | CERAMIC CHIP | 0.001uF | 5% | 50V |
| C759 | 1-163-205-00 | CERAMIC CHIP | 0.001uF | 5% | 50V |
| C760 | 1-163-111-00 | CERAMIC CHIP | 56PF | 5% | 50V |
| C761 | 1-163-111-00 | CERAMIC CHIP | 56PF | 5% | 50V |

< CONNECTOR >

| | | |
|---|---|---|
| CNP701 * | 1-506-988-11 | PIN, CONNECTOR (PC BOARD) 6P |
| CNP702 * | 1-564-214-11 | PIN, CONNECTOR 3P |
| CNP703 * | 1-569-362-11 | CONNECTOR |

< DIODE >

| | | |
|---|---|---|
| D721 | 8-719-304-70 | DIODE PZ427 |
| D722 | 8-719-911-19 | DIODE 1SS119 |

< IC >

| | | |
|---|---|---|
| IC701 | 8-759-501-33 | IC TDA1519A |
| IC751 | 8-759-501-33 | IC TDA1519A |

< TRANSISTOR >

| | | |
|---|---|---|
| Q721 | 8-729-901-00 | TRANSISTOR DTC124EK |
| Q722 | 8-729-901-00 | TRANSISTOR DTC124EK |
| Q723 | 8-729-901-00 | TRANSISTOR DTC124EK |

< RESISTOR >

| | | | | | |
|---|---|---|---|---|---|
| R701 | 1-216-748-11 | METAL CHIP | 39K | 5% | 1/10W |
| R702 | 1-216-748-11 | METAL CHIP | 39K | 5% | 1/10W |
| R703 | 1-216-075-00 | METAL CHIP | 12K | 5% | 1/10W |
| R704 | 1-216-075-00 | METAL CHIP | 12K | 5% | 1/10W |
| R705 | 1-216-075-00 | METAL CHIP | 12K | 5% | 1/10W |
| R706 | 1-216-075-00 | METAL CHIP | 12K | 5% | 1/10W |
| R721 | 1-216-061-00 | METAL CHIP | 3.3K | 5% | 1/10W |
| R722 | 1-216-001-00 | METAL CHIP | 10 | 5% | 1/10W |
| R723 | 1-216-097-00 | METAL CHIP | 100K | 5% | 1/10W |
| R724 | 1-216-089-00 | METAL CHIP | 47K | 5% | 1/10W |
| R751 | 1-216-748-11 | METAL CHIP | 39K | 5% | 1/10W |
| R752 | 1-216-748-11 | METAL CHIP | 39K | 5% | 1/10W |
| R753 | 1-216-075-00 | METAL CHIP | 12K | 5% | 1/10W |
| R754 | 1-216-075-00 | METAL CHIP | 12K | 5% | 1/10W |
| R755 | 1-216-075-00 | METAL CHIP | 12K | 5% | 1/10W |
| R756 | 1-216-075-00 | METAL CHIP | 12K | 5% | 1/10W |

< SWITCH >

| | | |
|---|---|---|
| SW701 | 1-572-186-11 | SWITCH, SLIDE |

# POWER AMP | CONNECTOR 2 | RF

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| * | 1-638-121-11 | CONNECTOR 2 BOARD | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C902 | 1-163-063-00 | CERAMIC CHIP | 0.022uF | 10% 50V | |
| C903 | 1-163-063-00 | CERAMIC CHIP | 0.022uF | 10% 50V | |
| C908 | 1-163-181-00 | CERAMIC CHIP | 100PF | 5% 50V | |
| C913 | 1-163-129-00 | CERAMIC CHIP | 330PF | 5% 50V | |
| C914 | 1-163-129-00 | CERAMIC CHIP | 330PF | 5% 50V | |
| C915 | 1-163-129-00 | CERAMIC CHIP | 330PF | 5% 50V | |
| C916 | 1-163-129-00 | CERAMIC CHIP | 330PF | 5% 50V | |
| | | < CONNECTOR > | | | |
| CNJ901 | 1-568-224-11 | PLUG, CONNECTOR 28P | | | |
| CNP901 * | 1-506-981-11 | PIN, CONNECTOR 10P | | | |
| | | < RESISTOR > | | | |
| R901 | 1-216-198-00 | METAL CHIP | 1K | 5% 1/8W | |

**********

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| * | A-3279-978-A | RF BOARD, COMPLETE | | | |
| | | ********** | | | |
| | | < CAPACITOR > | | | |
| C1 | 1-135-166-21 | TANTALUM CHIP | 47uF | 10% 10V | |
| C2 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | 50V | |
| C3 | 1-126-599-11 | ELECT | 330uF | 20% 6.3V | |
| C4 | 1-163-989-11 | CERAMIC CHIP | 0.033uF | 10% 25V | |
| C5 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% 50V | |
| C6 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% 50V | |
| C7 | 1-163-078-11 | CERAMIC CHIP | 0.033uF | 10% 25V | |
| C8 | 1-163-059-00 | CERAMIC CHIP | 0.01uF | 10% 50V | |
| C9 | 1-126-593-11 | ELECT CHIP | 0.47uF | 20% 50V | |
| C10 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | 50V | |
| C11 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | 50V | |
| C12 | 1-164-232-11 | CERAMIC CHIP | 0.01uF | 50V | |
| C13 | 1-126-593-11 | ELECT CHIP | 0.47uF | 20% 50V | |
| C14 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% 25V | |
| C15 | 1-163-009-11 | CERAMIC CHIP | 0.001uF | 10% 50V | |
| C16 | 1-126-590-11 | ELECT CHIP | 22uF | 20% 4V | |
| C17 | 1-163-017-00 | CERAMIC CHIP | 0.0047uF | 5% 50V | |
| C18 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% 25V | |
| C19 | 1-163-989-11 | CERAMIC CHIP | 0.033uF | 10% 25V | |
| C20 | 1-126-592-11 | ELECT CHIP | 4.7uF | 20% 16V | |
| C21 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% 25V | |
| C22 | 1-164-004-11 | CERAMIC CHIP | 0.1uF | 10% 25V | |
| C23 | 1-126-591-11 | ELECT CHIP | 10uF | 20% 6.3V | |
| C24 | 1-126-594-11 | ELECT CHIP | 1uF | 20% 50V | |
| C25 | 1-126-594-11 | ELECT CHIP | 1uF | 20% 50V | |
| C26 | 1-163-077-00 | CERAMIC CHIP | 0.1uF | 10% 25V | |
| C27 | 1-163-077-00 | CERAMIC CHIP | 0.1uF | 10% 25V | |
| C29 | 1-126-590-11 | ELECT CHIP | 22uF | 20% 4V | |
| C30 | 1-126-590-11 | ELECT CHIP | 22uF | 20% 4V | |
| C31 | 1-126-590-11 | ELECT CHIP | 22uF | 20% 4V | |
| C34 | 1-163-809-11 | CERAMIC CHIP | 0.047uF | 10% 25V | |
| C35 | 1-163-017-00 | CERAMIC CHIP | 0.0047uF | 5% 50V | |
| C36 | 1-126-592-11 | ELECT CHIP | 4.7uF | 20% 16V | |
| C37 | 1-126-591-11 | ELECT CHIP | 10uF | 20% 6.3V | |
| C38 | 1-162-638-11 | CERAMIC CHIP | 1uF | 16V | |
| C39 | 1-162-638-11 | CERAMIC CHIP | 1uF | 16V | |
| C40 | 1-126-176-11 | ELECT | 220uF | 20% 10V | |
| | | < CONNECTOR > | | | |
| CNJ11 | 1-568-141-11 | HOUSING, CONNECTOR 5P | | | |
| CNJ12 | 1-568-142-11 | HOUSING, CONNECTOR 13P | | | |
| CNJ13 | 1-566-531-11 | CONNECTOR, FPC (ZIF) 15P | | | |
| CNJ14 | 1-566-531-11 | CONNECTOR, FPC (ZIF) 15P | | | |
| CNP10 * | 1-506-990-11 | PIN, CONNECTOR (PC BOARD) 8P | | | |
| | | < IC > | | | |
| IC1 | 8-752-033-14 | IC | CXA1081Q | | |
| IC2 | 8-752-037-50 | IC | CXA1082BQ | | |
| IC3 | 8-752-335-91 | IC | CXD1167Q | | |
| IC4 | 8-759-821-76 | IC | LA6533 | | |
| IC5 | 8-759-821-76 | IC | LA6533 | | |
| | | < JUMPER RESISTOR > | | | |
| JR1 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR2 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR3 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR4 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR5 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR6 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR7 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR8 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR9 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR10 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR11 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR12 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR13 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR14 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR15 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |

For Service Manuals
MAURITRON SERVICES
8 Cherry Tree Road, Chinnor
Oxfordshire, OX9 4QY.
Tel (01844) 351694
Fax (01844) 352554
email:- mauritron@dial.pipex.com

# RF

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| JR16 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR17 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR18 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR19 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR20 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR21 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR22 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR23 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR24 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR25 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR26 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR27 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR28 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR29 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR30 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR31 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR32 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR33 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR34 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR51 | 1-216-295-00 | METAL CHIP | 0 | 5% 1/10W | |
| JR52 | 1-216-295-00 | METAL CHIP | 0 | 5% 1/10W | |
| JR53 | 1-216-295-00 | METAL CHIP | 0 | 5% 1/10W | |
| JR54 | 1-216-295-00 | METAL CHIP | 0 | 5% 1/10W | |
| JR55 | 1-216-295-00 | METAL CHIP | 0 | 5% 1/10W | |
| JR56 | 1-216-295-00 | METAL CHIP | 0 | 5% 1/10W | |
| JR57 | 1-216-295-00 | METAL CHIP | 0 | 5% 1/10W | |
| JR58 | 1-216-295-00 | METAL CHIP | 0 | 5% 1/10W | |
| JR59 | 1-216-295-00 | METAL CHIP | 0 | 5% 1/10W | |
| JR60 | 1-216-295-00 | METAL CHIP | 0 | 5% 1/10W | |
| JR61 | 1-216-295-00 | METAL CHIP | 0 | 5% 1/10W | |
| JR62 | 1-216-295-00 | METAL CHIP | 0 | 5% 1/10W | |
| JR63 | 1-216-295-00 | METAL CHIP | 0 | 5% 1/10W | |
| JR64 | 1-216-295-00 | METAL CHIP | 0 | 5% 1/10W | |
| JR65 | 1-216-295-00 | METAL CHIP | 0 | 5% 1/10W | |

< COIL >

| | | | |
|---|---|---|---|
| L1 | 1-410-204-31 | INDUCTOR CHIP | 10uH |
| L2 | 1-410-198-51 | INDUCTOR CHIP | 3.3uH |

< TRANSISTOR >

| | | | |
|---|---|---|---|
| Q1 | 8-729-900-53 | TRANSISTOR | DTC114EK |
| Q2 | 8-729-900-53 | TRANSISTOR | DTC114EK |
| Q3 | 8-729-900-53 | TRANSISTOR | DTC114EK |
| Q4 | 8-729-141-48 | TRANSISTOR | 2SB624T1-BV345 |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| | | < RESISTOR > | | | |
| R1 | 1-216-150-00 | METAL GLAZE | 10 | 5% 1/8W | |
| R2 | 1-216-081-00 | METAL CHIP | 22K | 5% 1/10W | |
| R3 | 1-216-057-00 | METAL CHIP | 2.2K | 5% 1/10W | |
| R4 | 1-216-057-00 | METAL CHIP | 2.2K | 5% 1/10W | |
| R5 | 1-216-081-00 | METAL CHIP | 22K | 5% 1/10W | |
| R6 | 1-216-206-00 | METAL GLAZE | 2.2K | 5% 1/8W | |
| R7 | 1-216-097-00 | METAL CHIP | 100K | 5% 1/10W | |
| R8 | 1-216-073-00 | METAL CHIP | 10K | 5% 1/10W | |
| R9 | 1-216-073-00 | METAL CHIP | 10K | 5% 1/10W | |
| R10 | 1-216-073-00 | METAL CHIP | 10K | 5% 1/10W | |
| R11 | 1-216-061-00 | METAL CHIP | 3.3K | 5% 1/10W | |
| R12 | 1-216-103-00 | METAL CHIP | 180K | 5% 1/10W | |
| R13 | 1-216-121-00 | METAL CHIP | 1M | 5% 1/10W | |
| R14 | 1-216-105-00 | METAL CHIP | 220K | 5% 1/10W | |
| R15 | 1-216-085-00 | METAL CHIP | 33K | 5% 1/10W | |
| R16 | 1-216-085-00 | METAL CHIP | 33K | 5% 1/10W | |
| R17 | 1-216-085-00 | METAL CHIP | 33K | 5% 1/10W | |
| R18 | 1-216-081-00 | METAL CHIP | 22K | 5% 1/10W | |
| R19 | 1-216-081-00 | METAL CHIP | 22K | 5% 1/10W | |
| R20 | 1-216-085-00 | METAL CHIP | 33K | 5% 1/10W | |
| R21 | 1-216-085-00 | METAL CHIP | 33K | 5% 1/10W | |
| R22 | 1-216-097-00 | METAL CHIP | 100K | 5% 1/10W | |
| R23 | 1-216-097-00 | METAL CHIP | 100K | 5% 1/10W | |
| R24 | 1-216-103-00 | METAL CHIP | 180K | 5% 1/10W | |
| R25 | 1-216-210-00 | METAL GLAZE | 3.3K | 5% 1/8W | |
| R26 | 1-216-085-00 | METAL CHIP | 33K | 5% 1/10W | |
| R27 | 1-216-085-00 | METAL CHIP | 33K | 5% 1/10W | |
| R28 | 1-216-081-00 | METAL CHIP | 22K | 5% 1/10W | |
| R29 | 1-216-081-00 | METAL CHIP | 22K | 5% 1/10W | |
| R30 | 1-216-085-00 | METAL CHIP | 33K | 5% 1/10W | |
| R31 | 1-216-097-00 | METAL CHIP | 100K | 5% 1/10W | |
| R32 | 1-216-076-00 | METAL GLAZE | 13K | 5% 1/10W | |
| R33 | 1-216-076-00 | METAL GLAZE | 13K | 5% 1/10W | |
| R34 | 1-216-059-00 | METAL CHIP | 2.7K | 5% 1/10W | |
| R35 | 1-216-114-00 | METAL GLAZE | 510K | 5% 1/10W | |
| R36 | 1-216-059-00 | METAL CHIP | 2.7K | 5% 1/10W | |
| R37 | 1-216-103-00 | METAL CHIP | 180K | 5% 1/10W | |
| R38 | 1-216-097-00 | METAL CHIP | 100K | 5% 1/10W | |
| R39 | 1-216-097-00 | METAL CHIP | 100K | 5% 1/10W | |
| R40 | 1-216-097-00 | METAL CHIP | 100K | 5% 1/10W | |
| R41 | 1-216-073-00 | METAL CHIP | 10K | 5% 1/10W | |
| R42 | 1-216-073-00 | METAL CHIP | 10K | 5% 1/10W | |
| R43 | 1-216-198-00 | METAL CHIP | 1K | 5% 1/8W | |
| R44 | 1-216-198-00 | METAL CHIP | 1K | 5% 1/8W | |
| R45 | 1-216-198-00 | METAL CHIP | 1K | 5% 1/8W | |
| R46 | 1-216-049-00 | METAL CHIP | 1K | 5% 1/10W | |
| R47 | 1-216-229-00 | METAL GLAZE | 20K | 5% 1/8W | |

| Ref. No. | Part No. | Description | | | Remark |
|---|---|---|---|---|---|
| R48 | 1-216-220-00 | METAL GLAZE | 8.2K | 5% 1/8W | |
| R49 | 1-216-246-00 | METAL GLAZE | 100K | 5% 1/8W | |
| R50 | 1-216-085-00 | METAL CHIP | 33K | 5% 1/10W | |
| R51 | 1-216-081-00 | METAL CHIP | 22K | 5% 1/10W | |
| R52 | 1-216-081-00 | METAL CHIP | 22K | 5% 1/10W | |
| R53 | 1-216-081-00 | METAL CHIP | 22K | 5% 1/10W | |
| R54 | 1-216-081-00 | METAL CHIP | 22K | 5% 1/10W | |
| R55 | 1-216-024-00 | METAL GLAZE | 91 | 5% 1/10W | |
| | | < VARIABLE RESISTOR > | | | |
| RV1 | 1-237-005-11 | RES. ADJ. METAL GLAZE 22K | | | |
| RV2 | 1-238-206-11 | RES. ADJ. METAL GLAZE 47K | | | |
| RV3 | 1-238-665-11 | RES. ADJ. CERMET 22K | | | |
| RV4 | 1-238-665-11 | RES. ADJ. CERMET 22K | | | |
| RV5 | 1-238-662-11 | RES. ADJ. CERMET 2.2K | | | |
| | | < THERMISTOR > | | | |
| TH1 | 1-808-656-11 | THERMISTOR | | | |
| TH2 | 1-808-656-11 | THERMISTOR | | | |

**********

* 1-634-330-11 SENSOR BOARD

**********

< JUMPER RESISTOR >

| | | | | | |
|---|---|---|---|---|---|
| JR90 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR91 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| JR92 | 1-216-296-00 | METAL CHIP | 0 | 5% 1/8W | |
| | | < TRANSISTOR > | | | |
| Q90 | 8-729-402-09 | TRANSISTOR | PN147-LF-S | | |
| Q91 | 8-729-402-09 | TRANSISTOR | PN147-LF-S | | |
| Q92 | 8-729-402-09 | TRANSISTOR | PN147-LF-S | | |

**********

MISCELLANEOUS

**********

| | | |
|---|---|---|
| 14 | 1-575-638-11 | CORD (WITH CONNECTOR) |
| CN401 | 1-590-765-11 | CORD (WITH CONNECTOR) F2 (CDX-5081 AEP MODEL/5080 E MODEL) |
| | 1-590-765-21 | CORD (WITH CONNECTOR) F2 (CDX-5080/5080 AEP MODEL) |
| 72 | 1-808-983-11 | DISPLAY PANEL, LIQUID CRYSTAL (LCD801) |
| 103 | 1-570-504-11 | SWITCH, MICRO (SW1) |
| 320 | 1-554-938-11 | SWITCH, LEAF |
| F2 | ⚠ 1-532-414-11 | FUSE 1.0A |
| M901 | A-4910-183-A | MOTOR ASSY, SL (SLED) |
| M902 | 1-541-560-11 | MOTOR, DC (SPINDLE) |
| M903 | A-3249-535-A | GEAR (A) ASSY (LOADING) |
| PM901 | 1-454-461-11 | SOLENOID, PLUNGER |

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| | | ACCESSORY & PACKING MATERIAL | |
| | | ********** | |
| | 1-575-615-11 | CORD (WITH CONNECTOR) F1 | |
| | 1-590-768-11 | CORD (WITH JACK) | |
| | 3-302-126-01 | SCREW, TAPPING (DIA. 5X20) | |
| | 3-302-708-00 | COVER, CONNECTOR | |
| F1 | ⚠ 1-532-422-11 | FUSE 6.3A | |
| | 3-310-655-01 | SUPPORT (ND), FITTING | |
| | 3-323-209-01 | BOLT (4-5), STUD | |
| | 3-323-210-01 | ADJUSTOR, STUD BOLT | |
| | 3-336-617-01 | BAG, PROTECTION | |
| | 3-349-410-01 | BUSHING | |
| * | 3-367-050-01 | INDIVIDUAL CARTON (CDX-5080) | |
| * | 3-367-054-01 | INDIVIDUAL CARTON (CDX-5081) | |
| * | 3-367-056-01 | INDIVIDUAL CRRTON (CDX-5082) | |
| * | 3-367-581-01 | CUSHION (UPPER) (L&R) | |
| * | 3-367-582-01 | CUSHION (LOWER) | |
| * | 3-752-816-11 | MANUAL, INSTRUCTION (E, F, H, S, C) (CDX-5080/5081) | |
| * | 3-752-816-41 | MANUAL, INSTRUCTION (E, I, P) (CDX-5080/5081) | |
| * | 3-752-816-51 | MANUAL, INSTRUCTION (E, F, G, I) (CDX-5082) | |
| * | 3-752-817-51 | MANUAL, INSTRUCTION (E, I, P) (CDX-5082) | |
| * | 3-752-817-11 | MANUAL, INSTRUCTION (E, F, H, S, C) (CDX-5080/5081) | |
| * | 3-752-817-41 | MANUAL, INSTRUCTION (E, I, P) (CDX-5080/5081) | |

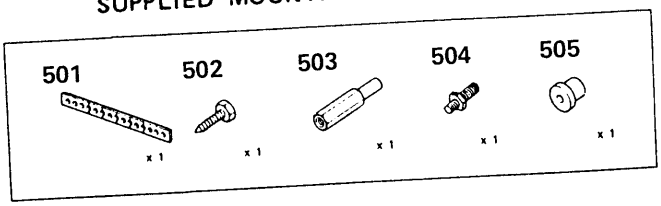
E: English I: Italian
F: French S: Spanish
G: German P: Portuguese
H: Dutch C: Chinese

**********

MOUNTING HARDWARE

| No. | Part No. | Description |
|---|---|---|
| 501 | 3-310-655-01 | SUPPORT (ND), FITTING |
| 502 | 3-302-126-01 | SCREW, TAPPING (DIA. 5X20) |
| 503 | 3-323-210-01 | ADJUSTOR, STUD BOLT |
| 504 | 3-323-209-01 | BOLT (4-5), STUD |
| 505 | 3-349-410-01 | BUSHING |

## SUPPLIED MOUNTING HARDWARE




**Note:** The components identified by mark ⚠ or dotted line with mark ⚠ are critical for safety.
Replace only with part number specified.

## HARDWARE LIST

**********

| Ref. No. | Part No. | Description | Remark |
|---|---|---|---|
| # 1 | 7-627-553-38 | SCREW, PRECISION +P 2X3 | |
| # 2 | 7-621-770-67 | SCREW +PTT 2.6X6 (S) | |
| # 3 | 7-685-133-19 | SCREW +P 2.6X6 TYPE2 SLIT | |
| # 4 | 7-682-548-04 | SCREW +P 3X8 | |
| # 5 | 7-685-103-19 | SCREW +P 2X5 TYPE2 NON-SLIT | |
| # 6 | 7-627-553-28 | SCREW, PRECISION +P 2X2.5 | |
| # 7 | 7-624-104-04 | STOP RING 2.0, TYPE -E | |
| # 8 | 7-627-553-37 | SCREW, PRECISION +P 2X3 | |
| # 9 | 7-627-552-18 | SCREW, PRECISION +P 1.7X1.6 | |
| #10 | 7-682-546-04 | SCREW +PTT 3X5 (S) | |
| #11 | 7-621-772-08 | SCREW +B 2X3 | |
| #12 | 7-627-850-57 | SCREW, PRECISION +P 1.4X3.5 | |
| #13 | 7-627-554-18 | SCREW, PRECISION +P 2X3.5 TYPE 1 | |
| #14 | 7-624-106-04 | STOP RING 3.0, TYPE-E | |
| #15 | 7-627-553-17 | SCREW, PRECISION +P 2X2 TYPE 3 | |
| #16 | 7-627-552-08 | SCREW, PRECISION +P 1.7X2.5 TYPE 1 | |
| #17 | 7-627-451-17 | SCREW, PRECISION +K 1.4X2.5 TYPE 1 | |
| #18 | 7-627-451-57 | SCREW, PRECISION +K 1.4X4 TYPE 1 | |
| #19 | 7-627-852-17 | SCREW, PRECISION +P 1.7X4 | |

9-956-311-11

Sony Corporation
Mobile Electronics Group

English
91E0659-1
Printed in Japan
©1991.5
Published by Customer Relations and Service Group